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PROFESSIONAL INCOME
OF ENGINEERS
1987

A Report of an Annual Survey
Conducted by the

ENGINEERING MANPOWER COMMISSION

of the

American Association of Engineering Societies, Inc.
415 Second Street, NE
Washington, DC 20002

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ISBN # 0-871615-139-X

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EMC conducts annual surveys of industry and schools of engineering, monitors trends in the supply of and demand for engineers, and produces annual reports on engineering enrollments, degrees, and salaries. In addition to its statistical studies, EMC also produces the *Engineering Manpower Bulletin,* which assesses trends in the engineering workforce including participation in the profession by women and ethnic minorities.

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ACKNOWLEDGEMENTS

The Engineering Manpower Commission wishes to express its grateful appreciation for the cooperation of the hundreds of organizations that provided the data on which this report is based.

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PROFESSIONAL INCOME OF ENGINEERS, 1987

INTRODUCTION

This is the 21st in a series of Engineering Manpower Commission studies of the salaries of engineers working in industry in the United States. As in previous EMC salary surveys, the data were gathered from a survey of employers, obtaining summaries of the salaries of engineers according to their levels of experience, supervisory responsibility, and academic preparation. By classifying the participating organizations, the survey also supports comparisons of salaries among differing industrial sectors, geographic regions, or sizes of the employers.

EMC salary surveys do *not* provide data on salary variations among the several engineering disciplines, such as differences in median pay among civil, chemical, electrical and mechanical engineers. Obtaining these details would raise the burden that the survey places on its participants to unacceptable levels, and would raise complex problems of classification, because the labels that are applied to engineering education programs may not accurately describe the graduates' subsequent work. Where a degree of correspondence exists between particular engineering disciplines and employment sectors, EMC's data can provide some clues about the salaries that may be associated with different kinds of engineering training. For example, although this report does not report salaries for chemical engineers *per se*, it does report salaries paid to engineers of all kinds by the chemicals industry. But for disciplines like mechanical engineering (whose graduates may be found in virtually every sort of technical workplace), or for a sector like the federal government (which hires all types of engineers), these linkages between training and subsequent employment may not apply.

The data reflect base salaries as of February 1, 1987. Responding organizations were instructed to exclude all irregular forms of compensation, such as one-time bonuses, overtime payments, stock options, etc. Data were requested for all full-time engineering graduates, including those in nontechnical or managerial positions (some employers advised EMC, as they have in the past, that top management personnel with engineering backgrounds were not included in their responses). In a few cases, data were also provided for non-graduates who are classed by their employers as fully qualified engineers; such cases were treated as equivalent to engineers with B.S. degrees.

Salaries are presented in the form of statistical tabulations, with details for upper and lower deciles, upper and lower quartiles, medians, and means. These data are spread across 18 levels of experience, based on the number of years since attainment of the bachelor's degree (age is used to estimate experience in cases where data on the year of graduation is not available). In addition, summaries of these statistics across all levels of experience are included. Both raw salary statistics and smoothed-curve estimates across the experience levels are reported. Graphed maturity curves based on the smoothed results are provided for all tabulations.

This is the first EMC salary survey produced on the Commission's newly upgraded computing systems, and a number of improvements have been incorporated into the project. In particular, the time needed to produce the survey is being reduced; tabulations now include raw salary statistics as well as EMC's usual smoothed-curve results; and technical refinements have been incorporated in curve-smoothing methods. Details about these and other modifications of the methods used by EMC for this study are provided below. More enhancements of this annual survey are planned for 1988. These changes were made possible by grants from a number of corporations, including some long-standing participants in these annual salary studies; we are grateful for their assistance and would like to thank them here. The contributors included Alcoa, Amoco, AT&T, Bechtel, duPont, Grumman, Kodak, and Rockwell International.

Other changes adopted in 1986 have been continued in this year's project. More stringent rules than those used by EMC in the past have been adopted to ensure that salary estimates are based on a reasonable number of data points, and to reduce problems associated with the curve smoothing process. Smoothing is useful because random variations in the response during any particular year for specific levels of experience can obscure general compensation trends, especially for subgroups where the number of data points may not be very large. "Raw," unmodified data tend to reflect these year-to-year variations in response as much as they signal the underlying salary trends which are the objective of these studies; accordingly, since 1968 EMC has used smoothed-curve estimates in these reports instead of the raw results (as already noted, for 1987 both forms of output have been provided). Since each set of data for a maturity curve is smoothed independently, occasional anomalies can arise. For example, salaries for nonsupervisors can wind up looking larger than the corresponding salaries of supervisors. Typically such problems occur at the extremes of distributions and in tabulations based on only marginally acceptable numbers of cases. EMC's revised rules effectively eliminate most of these problems. For details, see the comments on methodology below.

Another significant change adopted in 1986 was the abandonment of an overall "Weighted National Average" as the most general of all EMC salary data sets. In fact, the weighted national averages have been inconsistent from one year to the next. In some cases they included data from engineering educators, while in others they did not; similarly, in some years the weighted national averages included engineers in government while in other years these, too, were missing. Instead, it seems preferable to use the data for "All Industries," which is consistent across time, as the basic benchmark of engineering compensation. This change does not introduce major shifts in time series comparisons, because the industry data has always been by far the most significant component of the earlier weighted national averages.

The Engineering Manpower Commission has been engaged in studies of engineering compensation for over 35 years. EMC's salary reports began in 1953 with *Professional Income of Engineers*. The *Special Industry Report*, which began to appear in 1966, adds details for those with B.S., M.S., or Ph.D degrees to the materials in this volume. Originally, EMC's salary surveys were done every three years, then every two years; beginning in 1980, they began to be issued annually. EMC also surveys the compensation of engineering educators; the most recent such study was done in 1986 *(Salaries of Engineers in Education)*, and the next one is scheduled to be done in 1988. In addition to these detailed statistical volumes, a summary of the results of this survey, with special data on trends over time, is available in "Engineering Salaries, 1987," issue number 86 (December, 1987) of the *Engineering Manpower Bulletin*. For prices and information on orders, see the inside back cover of this report.

The goal of EMC's salary studies is to determine current levels of compensation for engineers and to report on trends over time. EMC does not evaluate individual salary situations, nor does it advise employers on the rates that should be paid for specific positions. Indeed, our own data demonstrate that for any specific combination of employment sector, supervisory responsibilities, education, and experience, variations between the top and bottom salaries reported for the position (as measured by high and low deciles) are likely to be as great as the distinctions introduced by differences in any of the other factors. That is, variations in engineering pay *within* specific matched positions can be as large as variations *between* positions, even when the latter distinctions entail substantial differences in employment sectors, education, responsibility, or experience. On the whole, individual salaries are influenced by many considerations, including the economic conditions of particular industries and firms, and the skill, performance, and negotiating ability of particular people.

SURVEY METHODOLOGY

Questionnaires were mailed in February, 1987 to EMC's national list of engineering employers. For 1987, this listing was substantially updated and revised, using *Peterson's Guide to Engineering, Science, and Computer Jobs--1987* (Princeton: Peterson's Guides, 1986) as the principal basis for the listing, and augmenting this roster by adding in numerous other employers, including many smaller organizations, from the Engineering Manpower Commission's internal records of participants in past surveys. In addition to EMC's traditional matrix-style survey instruments, a new "short form" questionnaire was used in 1987 (copies of all instruments are included in the appendices to this report). The new form was aimed at employers with 50 or fewer engineers, and was intended to provide a simpler method for reporting. The new form proved to be very popular and its use will be continued in the future. Also, in 1987 EMC invited participants to provide data in the form of simple ASCII files on floppy disks. Data on over 5,700 engineers was processed this way; we expect this form of participation will become more and more common in the future, as it substantially reduces labor burdens and data entry errors.

Responses to the survey representing 105,738 engineers were obtained from 261 private sector employers. Compared to private sector responses for 1986, the number of engineers represented in the survey data rose appreciably, by nearly 20,000 workers (23 percent). In addition, EMC also obtained data on the salaries of 8,507 engineers employed by federal, state or local governments. Further processing of the data included these steps:

1. Preliminary tabulations were run to confirm manual counts of the number of responding organizations and the number of engineers represented by the data for each company and industrial sector. Participants were assigned to industrial sectors on the basis of their responses to an item on the survey forms that asked each company to indicate how the organization should be classified. Some participants were classed in two or more sectors (see the appended list of responding organizations for details). Final sectoral groups were formed only if at least five responding organizations and at least 200 engineers were represented. Participants whose preferred sectors could not be formed were grouped into three residual categories *(other durable goods manufacturers, other nondurable goods manufacturers, and other non-manufacturers)*. The durable/nondurable distinction is newly adopted in 1987. Several participants indicated that they fit into no conventional sectors, and proposed classification in an "other" (residual) sector in the first place; these were also included in the durable goods manufacturing group. See the table *Distribution of Responses,* below, for a detailed list of the final 1987 industrial sectors.

2. Within sectors, no one responding organization was permitted to account for more than one-half (50 percent) of the data points--number of engineering salaries--reported for the sector. Weighting was used to carry out these adjustments, which have the effect of limiting the influence of any single organization on the results of the survey. In most cases, the actual effects of these adjustments are negligible, because weighted organizations only rarely vary greatly from others in the same sector in their salary practices.

3. Within sectors, further divisions of the data to isolate such subgroups as supervisors, engineers with master's degrees, etc., can have the effect of reducing the size of data pools below the 200-case minimal standard. In such cases, no salary statistics were generated.

4. Across sectors, in estimates of combined-industry salaries for such groups as electric and gas utilities, all manufacturers, etc., the data were weighted again to bring the sector-by-sector distribution of engineers into line with the actual distribution of engineers in the work force. As in other recent EMC salary surveys, the basis for this second set of weights is the U.S. Bureau of Labor Statistics' industry-and-occupation matrix. The matrix is a computer-based model maintained by the Office of Economic Growth at BLS, and accounted for some 1.3 million employed engineers as of 1984 (a newer version of the matrix became available after this study was finished). The table below on the distribution of responses includes the BLS data on the numbers of engineers in the several sectors. Also, weights for the "All Industries" tables are reported. It is apparent that EMC's data base, which is not a random sample, roughly parallels the actual engineering labor force in its distribution among the major types of industries. The unweighted data tends to over-represent the chemicals industry and electrical and gas utilities, and to under-represent the non-electric machinery and precision instruments sectors; weights eliminate these biases as well as a number of other differences between EMC's data base and the distribution of engineers, as estimated by BLS, in the U.S. industrial economy.

5. The raw medians, quartiles and other percentiles were developed by straight-line interpolation within salary brackets, rounded to the nearest $50. The median, or 50th percentile, provides an illustration. The median for any ranked distribution is that value that divides the data in half, with 50 percent of the cases above it and 50 percent below. For example, if there are 249 engineers with a given level of experience in a sector, the median salary for this level of experience is the value of the 125th data point. EMC's data are grouped into salary brackets, so calculation requires one to determine which group of salaries contains this median point. Interpolation then yields the final raw result; continuing the example, if the 125th point happens to be the 20th case in the $36,000-$37,999 bracket, and if there are 39 cases in this bracket, then the median will be stated as $37,000. Calculation of the deciles and quartiles is similar, except that in those cases the statistic cuts the data into quarters or tenths.

6. Statistics for deciles, quartiles, medians, and means were not computed if the number of data points for those with a given level of experience (years since obtaining the B.S. degree) was either ten or less, or less than one percent of all the cases in the data set; if the data were for supervisors with less than four years of experience; if the data were for engineers with master's degrees and less than two years' experience; or if the data were for engineers with doctoral degrees and less than five years' experience.

CURVE SMOOTHING

As in the past, EMC's final salary statistics were generated from raw results using four-parameter smooth curves computed by the least squares method. Raw statistics were converted, using data across all levels of experience, into curves of the form

$$y = ax^z + bx + c$$

where y = the reciprocal of the salary and x = (43 minus the number of years since the first degree). The computational algorithm yields values for the parameters a, b, c and z which minimize the sum of the squares of the differences between the raw and smooth values of y. The squared differences are weighted by the number of cases associated with each set of data points. Transformed values were used to improved precision.

This approach to curve smoothing was adapted by Richard C. Fremon (a former chairman of the Commission and presently an emeritus member) from similar routines he developed for salary curve smoothing at AT&T's Bell Laboratories in the 1960's, and has been used by EMC since 1967. In reprogramming the routines for use on EMC's new computing systems, some new wrinkles have been added. Improved handling of values arbitrarily used for beginning and ending salary brackets--in 1987, for salaries of more than $125,000 or less than $22,000 per annum--has eliminated many difficulties experienced in the past when top salaries for some of the most highly paid engineers, such as senior supervisors in the petroleum industry, tended to be artificially depressed. Also, graphing routines were adjusted so that plotted curves now accurately reflect the actual value assumed for the top experience bracket (39 years).

A more fundamental adjustment is allowance for the fact that more than one "minimal" sum of squares can be computed for most of these salary data, depending on what values are assumed at the beginning of the process. EMC's traditional program iterated the computations until the sum of the squared differences began to rise; at that point the process would end and the current results would be used as final values. In some distributions of the data (for example, when the statistics are dominated by a pair of companies with very dissimilar salary scales) this approach could yield unsatisfactory results. In the more common curve smoothing exercises employed by many corporations to examine compensation practices, such problems can be handled through trial-and-error tests until a satisfactory outcome is reached. That sort of solution is less feasible for EMC, both because of the volume of curves the project generates and because more consistent methods are needed to provide a degree of comparability among different results in any one year as well as among results over time, from one year to the next.

To provide improved results while still adhering to predictable methods, the curve-smoothing program was adjusted to test the value of the key parameter z, which ordinarily begins at 1.0, incrementing in steps of 0.1 until the sums of squares no longer shrink. When this process was completed for any given set of data, z was inspected to determine whether or not it had reached more than a relatively small value (2.0 out of a possible top value, set arbitrarily, of 15.0). If not, the process was run a second time after re-initializing z to a starting value of 5.0. This step insured that in almost every case a *pair* of curves would be generated, which could then be compared to choose the one with the best fit to theory (e.g., that salaries should increase most rapidly in early years and flatten with greater experience) as well as a good fit to the original data (that is, the curves should not grossly distort the raw results). The final curves were selected by choosing the version that came closest to the raw results for the starting (less than one year of experience), ten, and 25-year experience brackets (in some cases, adjacent brackets were used to compare the pair of curves, because of obvious aberrations in the raw results).

In practice, the following outcomes were observed. EMC's traditional curves, which are produced by the first-iteration process described above, tend to be "peaky" (although the peak may occur outside the visible portion of a graph, so that the curve appears as virtually a straight line). Often these curves do not seem to curve down enough at the early (beginning) salary levels, especially when data are for supervisors or engineers with advanced degrees. The alternative curves, which were computed using higher starting values for z, behave differently. Usually (not inevitably, however) they conform closely to the raw data for salaries of new engineers. At more advanced levels of experience, these curves flatten out; depending on the sector, this can be either an advantage or a drawback.

Curves of this second-iteration type turned out to be selected most often. The test in all cases was the closeness of the fit between raw and smoothed data. The first-iteration, more traditional curves were most likely to be chosen when data sets were limited to supervisory workers, but this was not inevitably the case. These modifications of method will have some effects on comparisons of these data with previous EMC salary surveys; we have introduced some improvements in the accuracy of the smooth-curve data, at the cost of some inconsistencies with earlier reports. Neither change is drastic; there are some cases where EMC's results for 1986 and 1987 show sharp discrepancies, but typically these differences are related more to changes in the makeup of the participating companies than to changes in the methods used to generate smoothed-curve estimates.

The provision of the raw data as well as the smooth-curve estimates doubles the amount of information provided by EMC and enables much more sophisticated interpretations and applications of these statistics. It allows EMC to make distinctions between *factual outcomes,* which is what the raw statistics are, and *best estimates of the underlying trends*. The Commission is continuing to examine alternative curve-smoothing procedures, such as applications of banded splines, regression models, and anchoring points.

PRESENTATION OF RESULTS

Curves and tables in this report are arranged in a hierarchy, starting with the broadest grouping ("All Industries") and then working through specific sectors, to the extent permitted by the data and the rules and conventions discussed above.

The "All Industries" data are extensive, and include details for supervisors and nonsupervisors, and variations by size of employer and region of the nation. Next, data are presented for "All Manufacturing Industries," and for the industrial sectors that are included in that group; then the report concludes with a similar section for "All Non-Manufacturing Industries."

The table of contents for this report can assist users in locating comparative data of interest; the specific participating organizations in each sector are identified in the appendices, so that users can better judge the applicability of the information given for a particular sector to their own situations.

The tabulations accompanying the curves include mean salaries (not plotted) and the distribution of the cases among the various experience brackets. The tables also list the numbers of cases falling in the extreme salary brackets (for industry data in 1987, less than $22,000 or more than $125,000). The tabulations also provide summary data for salaries across all experience brackets. Such broad statistics are unlikely to be applicable to specific engineers, but they are useful in assessing differences among groups. Since these data are now routinely provided in the tables, the brief discussion of overall salary outcomes that was once included in these introductions has been dropped from the text.

Data provided by participants in EMC salary surveys are confidential and only aggregates are presented. Only EMC staff have access to completed forms. Forms do not identify salaries of specific persons.

EMC's Compensation Committee is continuing a thorough review, begun in 1985, of every aspect of these studies. Goals include increased participation in the surveys; refinements in the accuracy, variety, and extent of published data; and, most of all, accelerated production. Our aim is to provide published data by the end of August of each survey year. Additional compression of the schedule will be possible in the future, supporting still earlier publication, later data acquisition, or both. The Commission would appreciate hearing the views of the survey participants and users on these matters.

DEFINITIONS

1. Industrial Sectors and Combined Groupings

All Industries includes all participating organizations in the 1987 EMC salary surveys other than government agencies.

All Manufacturing includes the following industrial sectors: aerospace; automotive; chemicals; electric, electronic, and computing equipment; fabricated metal products; machinery (other than electric); petroleum; precision instruments; other durable goods manufacturers; and other nondurable goods manufacturers.

Electrical and Electronic Products is a summary grouping; in addition, separate reports are provided for manufacturers of electrical equipment, electronic equipment, and computing systems.

Other Durable Goods Manufacturing includes participating organizations whose preferred industrial sectors--which included the ceramics products, lumber and wood products, basic metals, and shipbuilding industries--could not be formed due to a lack of a sufficient number of responding employers, data points, or both. This group also includes several other participants that explicitly requested placement in an "other" category because no traditional sector seemed to apply to their product mix.

Other Nondurable Goods Manufacturing includes participating organizations whose preferred industrial sectors --in these cases, the food, paper, textile, and rubber and plastic product groups--could not be formed, but where the durable/nondurable distinction could be used to keep them distinct from the other residual group.

Non-Manufacturing Industries is a summary group that includes construction, consulting and engineering services, electric and gas utilities, research organizations, and a miscellaneous residual group of "other" non-manufacturing organizations (see below).

Consulting and Engineering Services is a summary group; separate reports are also provided on both component sectors.

Utilities is a summary group; separate reports are also provided for electrical utilities (which include combined electric and gas utilities), and for gas utilities (principally pipeline companies).

Other Non-Manufacturing is a residual group for respondents whose preferred classifications could not be formed, due to lack of sufficient data. Specifically, the group includes companies or organizations in mining, communications, transportation services, business/trade/publishing, and professional societies/nonprofit institutes.

Large Industrial Employers have 5,000 or more employees; *Medium Industrial Employers* have between 500 and 4,999 employees; *Small Industrial Employers* have less than 500 employees.

A table identifying the regional classifications used in this report is included at the beginning of the tabul ions by region.

2. Chart Data (a facsimile chart is provided in the appendices for readers wishing to plot their own data)

Median: the point in a ranked array of data that is the midpoint of the series; the 50th percentile. The exact value may be interpolated.

Quartile: points in ranked arrays that divide the series into quarters. The lower quartile is the 25th percentile; the upper quartile is the 75th percentile.

Decile: points in ranked arrays that divide the series into tenths. The lower decile is the 10th percentile; the upper decile is the 90th percentile.

Mean: sum of the values of the data, divided by the number of cases (data points). Provided as a convenience, but rarely used in income analysis because means are sensitive to extreme values, while medians are not.

Years Since Baccalaureate Degree: a measure of experience. In 1987, an engineer with zero years of experience received the bachelor's degree in 1986 or the first quarter of 1987. Engineers with two, three or more years of experience may have been working or may have been pursuing advanced degrees.

Supervisors: those "whose duties are primarily managerial or supervisory," whether or not they currently work in engineering positions. Some participating organizations indicate that they do not report salaries of top managers with engineering backgrounds, however.

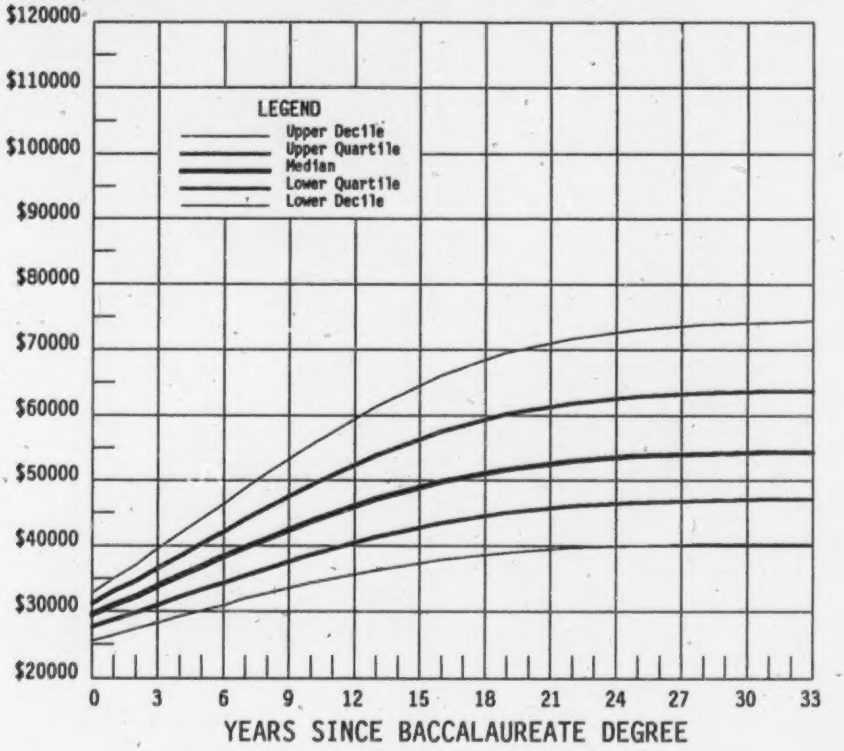
DISTRIBUTION OF RESPONSES

Industry Group	Participating Organizations	Engineers Represented:	All Employed Engineers (BLS Data for 1984)	Sector Weight
All Industries	261	105,738	1,140,758	N/App
All Manufacturing	123	54,163	13,735	N/App
Aerospace	9	11,815	123,857	0.97165
Automotive	8	2,571	36,710	1.32361
Chemicals	11	12,765	40,329	0.29283
Electrical, Electronic & Computers	36	17,798	248,689	1.70748
Electrical Equipment	8	1,847	---	---
Electronic Equipment	22	15,464	---	---
Computing Equipment	6	487	---	---
Fabricated Metal Products	11	2,249	32,685	1.34727
Machinery (Non-Electrical)	11	256	67,414	24.41016
Petroleum	11	7,638	36,794	0.44645
Precision Instruments	5	218	48,778	27.23494
Other Durable Goods Manufacturers	12	2,423	40,594	1.55303
Other Nondurable Goods Manufacturers	9	780	37,885	4.50256
All Non-Manufacturing	138	51,575	427,023	N/App
Construction	7	952	45,125	4.39391
Consultants & Engineering Services	32	11,718	136,015	1.07587
Consultants	18	6,346	---	---
Other Engineering Services	14	5,372	---	---
Electric & Gas Utilities	57	13,240	43,264	0.30287
Electric Utilities	45	12,687	---	---
Gas Utilities	12	553	---	---
Research Organizations	30	24,538	(combined) 202,619	0.73177
Other Non-Manufacturing	12	1,127		

Note: components will not necessarily add to subtotals or totals, because some employers were classed in more than one sector. Totals in specific tables may not exactly match these data, due to rounding in the process of weighing some sectors. The tabulations for the "All Manufacturing" and "All Non-Manufacturing" groups also made use of intrasectoral weights, although those weights are not depicted here. Data for engineers in government are not included in this table; those figures add 163,418 engineers to the BLS estimates.

CURVES AND TABLES FOR ALL INDUSTRIES—1987

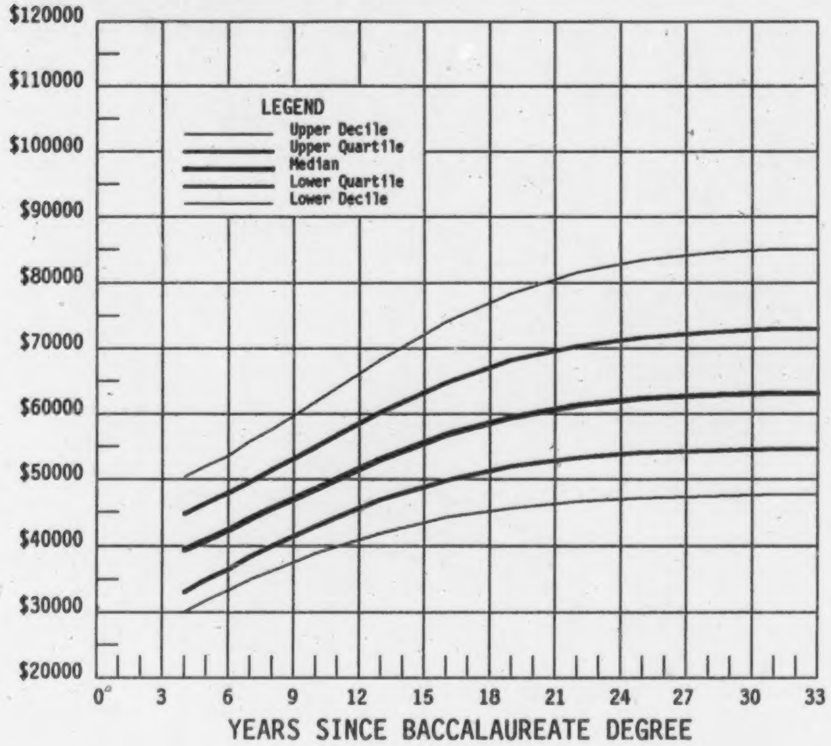
SALARY CURVES FOR ENGINEERS IN ALL INDUSTRIES
ALL ENGINEERS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: ALL INDUSTRIES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32850	35000	37200	39450	41800	44100	46450	48800	51100	55550	61450	66150	69600	71850	73200	73950	74250	74450	65250
Upper Quartile	31250	33000	34800	36650	38500	40350	42250	44100	45900	49400	53950	57600	60200	61900	62950	63500	63700	63850	54500
Median	29500	30950	32400	33850	35350	36800	38300	39700	41100	43750	47200	49900	51800	53050	53750	54150	54300	54400	45000
Lower Quartile	27750	28800	29900	31000	32150	33250	34400	35550	36650	38700	41450	43550	45050	46050	46650	46950	47100	47150	36700
Lower Decile	25550	26450	27400	28300	29250	30150	31050	31950	32800	34350	36350	37900	38950	39650	40050	40250	40350	40400	31350
Mean	29600	31000	32450	33950	35500	37050	38600	40150	41700	44550	48400	51450	53650	55100	55950	56400	56600	56700	47150
Raw (Unsmoothed) Statistics																			
Upper Decile	32450	34800	37350	38850	42450	45100	47800	49650	51050	54250	59650	64800	68950	73250	73650	75550	75500	75250	65250
Upper Quartile	31150	32750	34800	36400	39000	40800	42900	44750	46100	48750	52800	56150	60800	62850	63500	64600	63350	64300	54500
Median	29500	30850	32200	33550	35750	37400	38800	39850	41150	43350	46500	49100	52400	53700	53850	55150	53900	54400	45000
Lower Quartile	27600	28900	29850	30450	32350	33400	35500	35900	36850	38400	40850	42300	45300	46250	46750	48600	47250	47100	36700
Lower Decile	25450	26850	27050	27700	29550	30050	32200	32400	32900	34100	36000	37050	38950	39600	40500	41400	40350	40400	31350
Mean	29300	30950	32500	33600	35850	37550	39450	40650	41850	44000	47400	50300	53700	55500	56100	57800	57000	57150	47150
Supporting Data																			
Total Number	2148	3563	4489	4103	4120	4681	4487	4033	3835	9337	9137	9012	7608	7063	6713	6185	6136	9075	105723
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	6	4	9	30	50	54	155
Less Than $22000	45	22	16	6	18	5	3	7	1	8	1	2	2	9	10	4	8	9	174

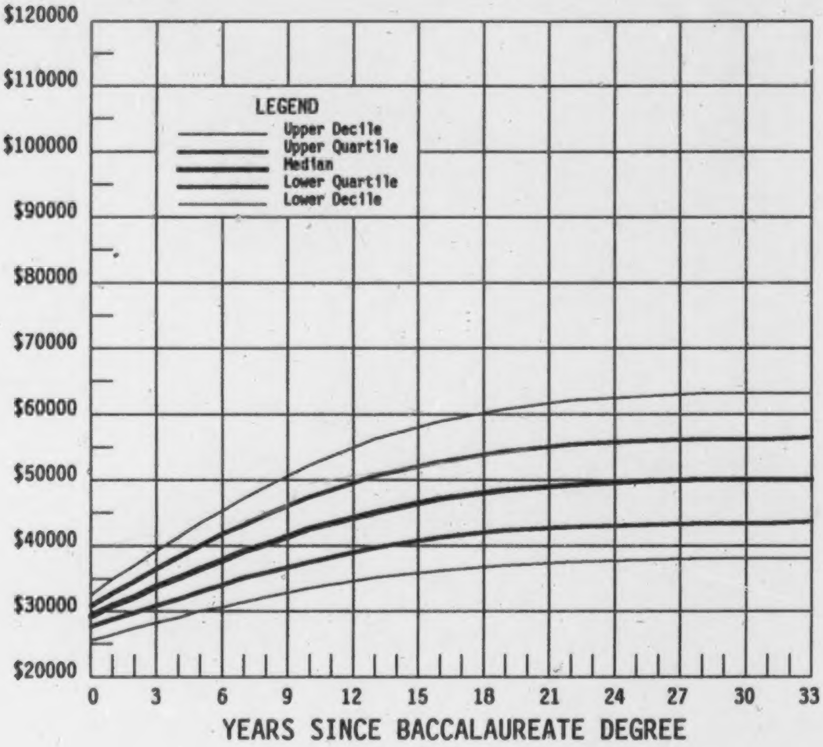
SALARY CURVES FOR ENGINEERS IN ALL INDUSTRIES
SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: ALL INDUSTRIES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	50450	52000	53700	55600	57650	61900	68300	74000	78500	81600	83500	84550	85050	85250	78450
Upper Quartile	0	0	0	0	44900	46400	48000	49700	51450	55050	60250	64700	68150	70450	71850	72650	73000	73150	67450
Median	0	0	0	0	39400	40900	42400	43950	45550	48650	53050	56700	59400	61200	62300	62900	63200	63300	57500
Lower Quartile	0	0	0	0	33100	34850	36600	38300	39950	43000	46850	49800	51900	53250	54000	54450	54600	54700	48750
Lower Decile	0	0	0	0	30250	31850	33400	34850	36250	38800	41850	44150	45650	46650	47200	47500	47650	47700	41600
Mean	0	0	0	0	40250	41650	43100	44650	46250	49500	54150	58200	61250	63350	64600	65300	65600	65750	59450
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	46450	50850	55000	57800	59000	63450	66750	72850	76650	80200	82850	84600	89250	87350	78450
Upper Quartile	0	0	0	0	40750	46400	51000	50750	51650	55350	59850	63750	66900	71250	71250	72900	74550	73750	67450
Median	0	0	0	0	36500	40950	44150	45050	45750	48700	52600	55750	59500	62100	62100	62200	63850	63750	57500
Lower Quartile	0	0	0	0	31300	34100	38300	39200	40200	43550	46000	49100	51850	54050	53050	54100	56200	55000	48750
Lower Decile	0	0	0	0	29400	31550	32950	35950	37350	38650	41550	44050	45600	46400	44750	48800	49550	47950	41600
Mean	0	0	0	0	37300	41300	44600	45750	46800	50100	53550	57250	60500	63350	63450	65400	67650	66800	59450
Supporting Data																			
Total Number	7	68	115	170	203	408	455	697	722	1945	2749	3315	3170	2907	2827	2744	2295	3405	28204
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	6	4	9	30	48	54	153
Less Than $22000	0	0	0	0	0	0	0	1	0	0	0	0	1	6	10	4	8	8	37

SALARY CURVES FOR ENGINEERS IN ALL INDUSTRIES NON-SUPERVISORS, ALL DEGREE LEVELS

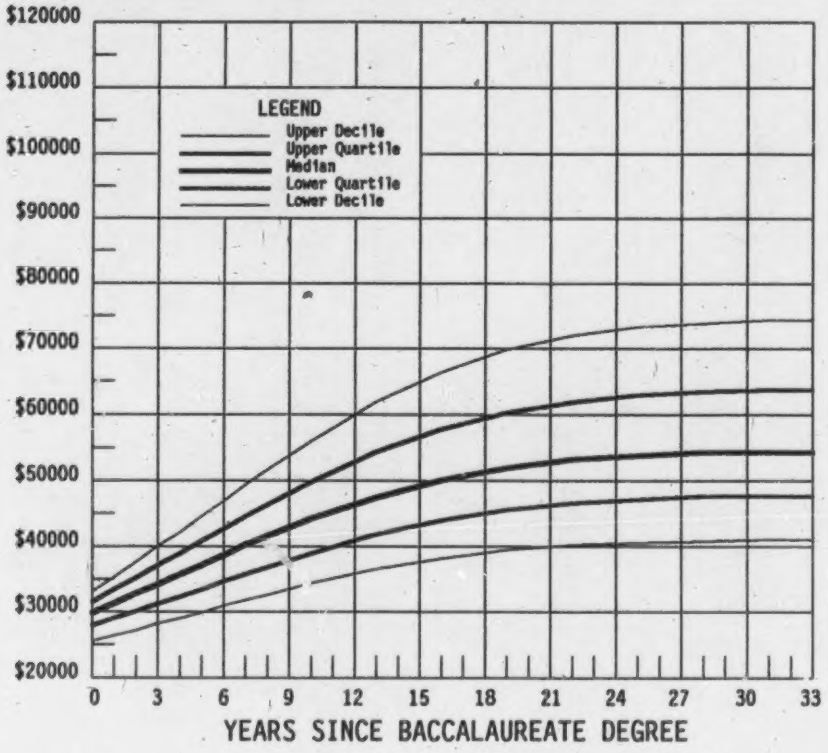


ENGINEERING SALARY STATISTICS: ALL INDUSTRIES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32600	34850	37050	39250	41400	43450	45400	47300	49100	52300	56150	58950	60850	62050	62750	63100	63250	63300	56200
Upper Quartile	31050	32900	34800	36600	38400	40100	41750	43300	44750	47400	50550	52850	54450	55400	56000	56300	56400	56500	49350
Median	29450	30900	32400	33850	35250	36600	37950	39200	40400	42550	45200	47200	48500	49350	49850	50100	50250	50300	41150
Lower Quartile	27650	28800	29900	31050	32100	33150	34200	35150	36050	37700	39750	41250	42300	42950	43300	43500	43600	43650	34700
Lower Decile	25550	26500	27400	28300	29150	30000	30800	31600	32300	33600	35200	36350	37150	37650	37900	38050	38150	38150	30450
Mean	29350	30900	32400	33900	35350	36750	38100	39400	40600	42800	45550	47500	48900	49750	50250	50500	50650	50700	42650
Raw (Unsmoothed) Statistics																			
Upper Decile	32400	34750	37100	38450	42300	44150	46400	47800	49200	51450	54650	57050	61000	62550	63400	64600	62800	65200	56200
Upper Quartile	31150	32750	34650	36300	38900	40500	42200	43450	44700	47100	50150	51450	54600	55750	56200	57600	55600	57450	49350
Median	29450	30900	32150	33500	35750	37250	38450	39150	40350	42150	44650	46250	48650	49700	50350	51300	50100	50500	41150
Lower Quartile	27600	28900	29750	30400	32450	33300	35350	35350	36250	37550	39200	39650	42050	42950	44200	44600	43750	44200	34700
Lower Decile	25450	26850	27000	27700	29550	30000	32150	31900	32400	33300	34400	36050	36450	37350	38600	39100	38500	38400	30450
Mean	29300	30900	32250	33450	35800	37200	38900	39550	40700	42400	44750	46300	48800	50000	50750	51750	50600	51350	42650
Supporting Data																			
Total Number	2144	3495	4372	3932	3918	4274	4029	3335	3116	7391	6387	5698	4439	4152	3884	3444	3841	5668	77519
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
Less Than $22000	45	22	16	6	18	5	3	6	1	8	1	2	2	3	0	0	0	1	137

ALL INDUSTRY CURVES AND TABLES, BY SIZE OF EMPLOYERS

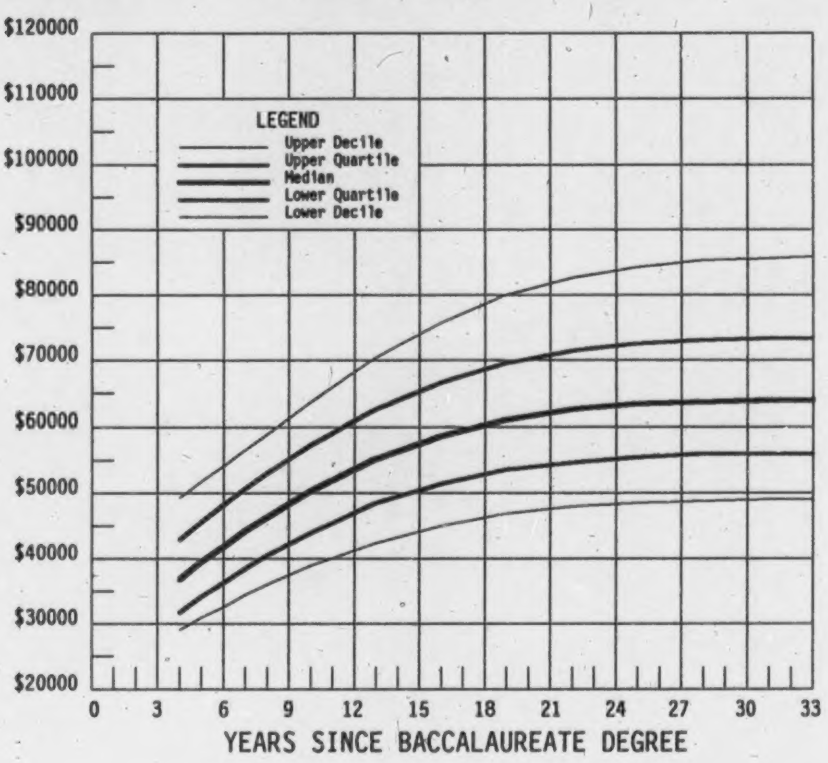
SALARY CURVES FOR ENGINEERS IN LARGE COMPANIES
ALL ENGINEERS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: LARGE COMPANIES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33050	35300	37600	39900	42250	44650	47050	49400	51700	56100	61900	66500	69800	72000	73300	73950	74300	74450	65550
Upper Quartile	31450	33250	35150	37050	38950	40850	42750	44600	46450	49850	54350	57850	60350	61950	62950	63450	63650	63800	54850
Median	29750	31200	32700	34200	35700	37200	38700	40150	41550	44150	47550	50200	52050	53250	53950	54350	54500	54600	45750
Lower Quartile	27950	28950	30050	31150	32300	33450	34600	35750	36850	39000	41850	44050	45650	46700	47300	47650	47800	47850	37200
Lower Decile	25700	26450	27300	28150	29050	29950	30850	31750	32600	34300	36450	38150	39400	40150	40650	40900	41000	41050	31550
Mean	29700	31150	32650	34200	35800	37350	38950	40500	42050	44950	48800	51800	54000	55400	56250	56700	56900	57000	47550
Raw (Unsmoothed) Statistics																			
Upper Decile	32650	35800	37300	39200	42600	45250	48450	50200	52250	54950	60500	64750	70200	73150	74200	75700	73200	75400	65550
Upper Quartile	31350	33150	35050	36750	39350	41050	43700	45250	46850	49100	53350	56500	61250	62700	63450	65000	62350	64350	54850
Median	30000	31200	32350	33600	36000	37800	39400	40200	41750	43600	47350	49500	52800	53650	53850	55300	53550	54850	45750
Lower Quartile	28150	29300	29550	30200	32500	33850	36000	36250	36850	38600	41600	42700	46250	47050	47150	48950	47550	48000	37200
Lower Decile	26150	26950	26400	27350	29400	30050	32250	32400	32500	33900	36550	37000	39600	40250	40750	41450	40550	41700	31550
Mean	29750	31250	32300	33700	36000	37800	40000	41000	42300	44350	48200	50550	54450	55700	56350	58200	56250	57550	47550
Supporting Data																			
Total Number	1401	2058	2891	2732	2660	3101	2960	2742	2522	5951	5771	6142	5100	4973	4629	4175	4488	5320	69617
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	6	3	8	24	32	27	101
Less Than $22000	13	14	9	4	16	5	3	7	0	6	1	2	2	8	5	4	8	9	115

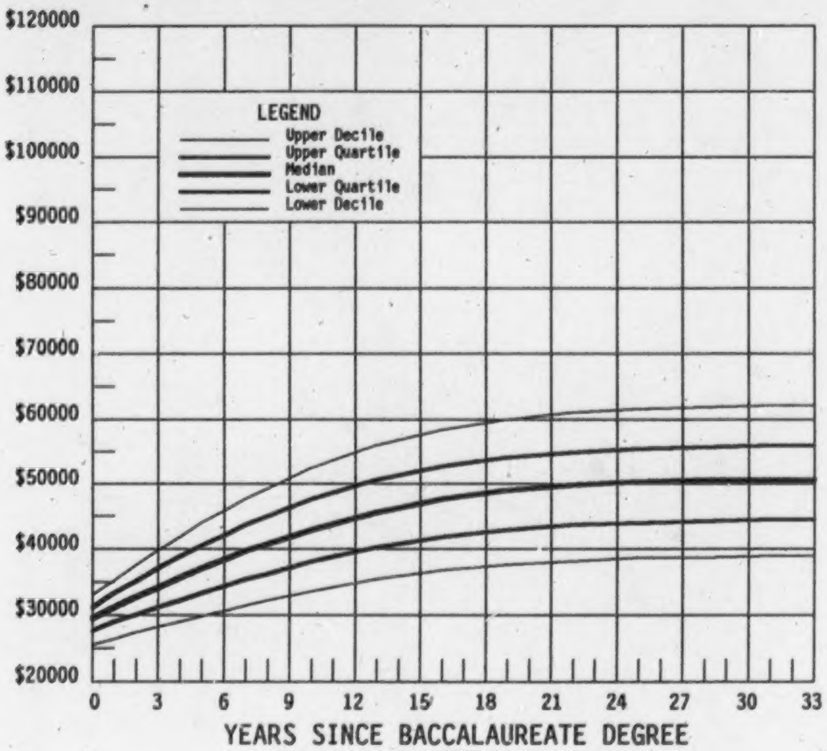
SALARY CURVES FOR ENGINEERS IN LARGE COMPANIES
SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: LARGE COMPANIES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	49350	51650	54050	56450	58900	63650	70300	75800	79950	82700	84400	85250	85700	85900	79400
Upper Quartile	0	0	0	0	43050	45600	48150	50600	52950	57250	62700	66750	69600	71400	72450	73000	73250	73400	68450
Median	0	0	0	0	36900	39400	41800	44150	46350	50350	55200	58700	61050	62550	63350	63800	64000	64100	59250
Lower Quartile	0	0	0	0	31750	34050	36300	38400	40450	44100	48450	51550	53550	54800	55550	55900	56050	56150	50350
Lower Decile	0	0	0	0	29000	30850	32650	34350	36000	38950	42500	45100	46850	47950	48550	48900	49050	49100	41750
Mean	0	0	0	0	38350	40600	42750	44900	47000	50950	56050	60000	62750	64600	65650	66200	66500	66600	60550
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	45550	50950	55100	58350	60750	65250	68800	72900	79450	82700	84000	86850	86900	86950	79400
Upper Quartile	0	0	0	0	39950	44900	50200	51800	54550	57350	62400	64800	68950	71800	72000	73900	73050	74850	68450
Median	0	0	0	0	36000	38500	42600	45150	47150	50150	55250	57400	61600	62750	62750	63950	63500	65100	59250
Lower Quartile	0	0	0	0	31050	33000	37700	39100	40400	44150	48500	50600	53950	55050	53500	55950	56550	57650	50350
Lower Decile	0	0	0	0	28600	30300	32300	35500	36950	38550	43200	43600	47950	48550	44250	50200	50800	50400	41750
Mean	0	0	0	0	36450	39900	43800	46050	48050	51100	56000	58250	62850	64500	64200	67050	67100	68000	60550
Supporting Data																			
Total Number	6	49	45	91	148	266	346	473	481	1211	1509	2089	2014	1977	1918	1774	1594	1920	17921
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	6	3	8	24	32	27	101
Less Than $22000	0	0	0	0	0	0	0	1	0	0	0	0	1	6	5	4	8	8	33

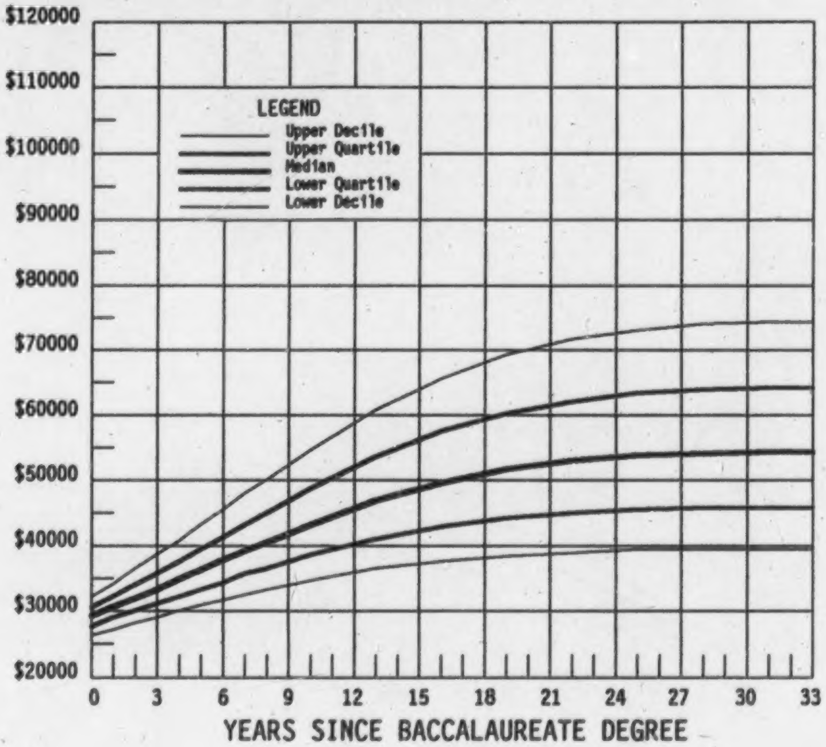
SALARY CURVES FOR ENGINEERS IN LARGE COMPANIES
NON-SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: LARGE COMPANIES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33000	35300	37600	39800	41950	44000	45900	47750	49450	52450	55950	58450	60100	61100	61700	62000	62100	62200	55900
Upper Quartile	31250	33250	35200	37100	38900	40600	42250	43800	45200	47750	50700	52800	54150	55000	55500	55750	55900	55950	49900
Median	29700	31200	32750	34250	35650	37050	38400	39700	40900	43050	45700	47650	48950	49800	50300	50550	50650	50700	42050
Lower Quartile	27850	29000	30100	31200	32300	33400	34400	35400	36350	38100	40250	41900	43000	43700	44100	44350	44450	44500	35300
Lower Decile	25700	26500	27350	28150	29000	29850	30650	31400	32200	33600	35350	36700	37600	38200	38550	38750	38850	38850	30650
Mean	29600	31150	32700	34200	35650	37050	38400	39700	40900	43100	45750	47700	49050	49850	50350	50600	50700	50750	43050
Raw (Unsmoothed) Statistics																			
Upper Decile	32650	35800	37200	39050	42450	44750	47250	48400	49600	51600	54700	56700	59600	61550	62650	63600	61500	64050	55900
Upper Quartile	31350	33150	35000	36750	39350	40850	43100	43900	45400	47050	50600	51650	54250	55350	55900	56900	55000	56700	49900
Median	30000	31250	32300	33650	36000	37750	39200	39650	41050	42500	45550	47150	49050	49750	50700	51250	50200	51000	42050
Lower Quartile	28150	29350	29500	30200	32600	34000	35850	35800	36200	37850	40050	40300	43000	43450	44450	45500	44350	45350	35300
Lower Decile	26150	27000	26400	27400	29450	30050	32250	31800	31900	33100	35300	36250	37100	38250	38700	39050	38650	39550	30650
Mean	29750	31300	32200	33600	35950	37650	39500	39950	40950	42600	45400	46600	48900	49900	50800	51600	50300	51650	43050
Supporting Data																			
Total Number	1395	2009	2843	2641	2510	2838	2613	2273	2040	4736	4259	4048	3082	2996	2711	2400	2898	3402	51699
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	13	14	9	4	16	5	3	6	0	6	1	1	2	2	0	0	0	1	83

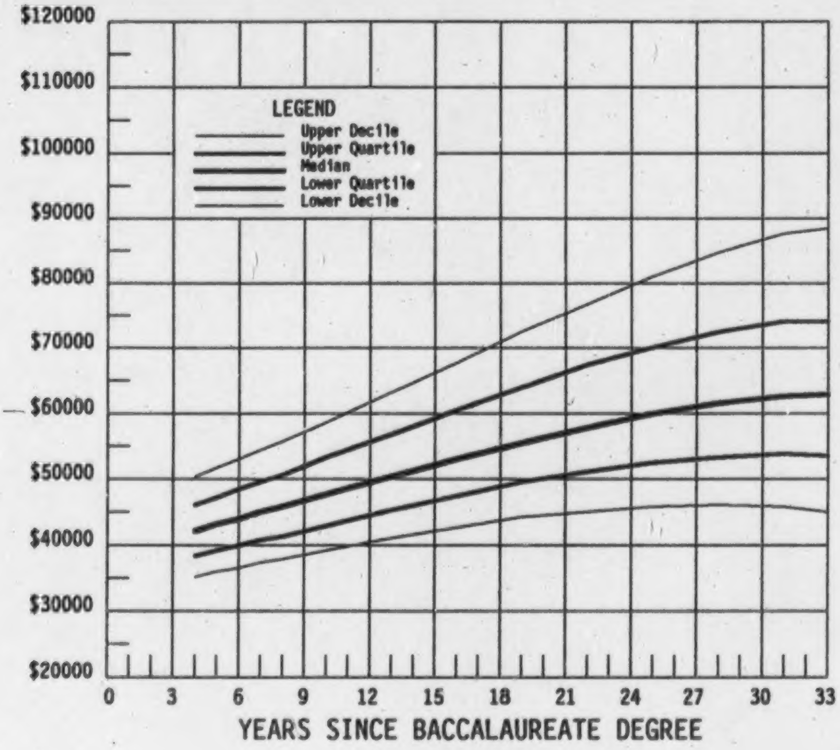
SALARY CURVES FOR ENGINEERS IN MEDIUM-SIZED COMPANIES
ALL ENGINEERS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: MEDIUM-SIZED COMPANIES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32200	34250	36400	38650	40900	43200	45550	47900	50200	54700	60800	65700	69350	71750	73200	74000	74350	74500	64850
Upper Quartile	30700	32350	34050	35850	37650	39550	41400	43300	45150	48750	53550	57500	60350	62250	63350	63950	64250	64400	54000
Median	29450	30750	32100	33450	34900	36350	37750	39200	40600	43300	46850	49700	51700	53050	53850	54250	54450	54550	43800
Lower Quartile	27850	28950	30050	31200	32300	33450	34500	35600	36650	38550	41000	42900	44200	45050	45550	45800	45900	45950	36000
Lower Decile	26350	27300	28250	29200	30100	31000	31850	32850	33400	34750	36450	37650	38500	39000	39350	39500	39550	39600	31300
Mean	29700	31000	32400	33850	35300	36800	38350	39850	41350	44200	48050	51100	53350	54800	55700	56150	56350	56500	46500
Raw (Unsmoothed) Statistics																			
Upper Decile	31750	33800	37100	37500	42250	45000	46150	48300	49300	53800	58900	64000	67500	73200	73300	74450	79950	75400	64850
Upper Quartile	30500	32100	34200	35550	38100	40550	41550	43550	45000	48400	52600	55800	60350	63450	64200	63450	65550	65000	54000
Median	29000	30550	32200	33600	35650	37050	37600	38600	40500	43250	46100	48350	51600	54050	54400	55050	55800	54300	43800
Lower Quartile	27450	28800	30300	31150	32900	33250	34900	35200	37250	38600	40400	41450	43850	45350	46700	47650	46450	45400	36000
Lower Decile	26000	27250	28600	29150	30550	30350	31900	32550	33850	34900	36350	37150	37950	37750	40150	41300	39950	39300	31300
Mean	29200	30750	32800	33500	36150	37400	38600	39850	41350	43950	47050	49650	52500	55250	56000	56700	58550	57150	46500
Supporting Data																			
Total Number	563	1278	1353	1179	1274	1350	1274	1132	1019	2812	2607	2295	1888	1772	1706	1752	1393	3147	29796
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	12	25	40
Less Than $22000	1	3	7	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	15

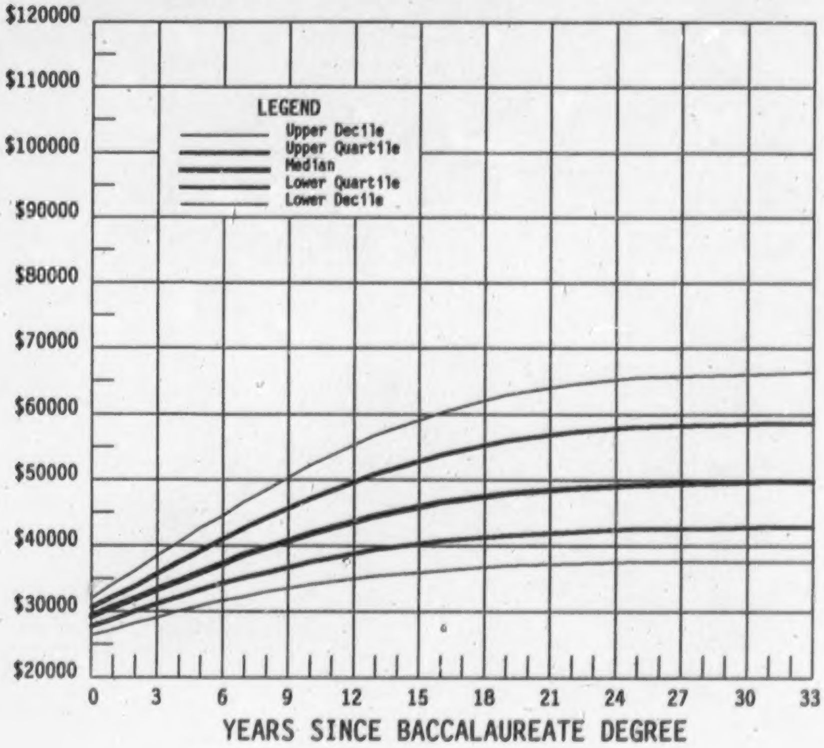
SALARY CURVES FOR ENGINEERS IN MEDIUM-SIZED COMPANIES
SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: MEDIUM-SIZED COMPANIES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	50350	51650	53000	54400	55800	58700	63200	67800	72450	76900	81100	84750	87700	90900	76550
Upper Quartile	0	0	0	0	46150	47250	48450	49600	50800	53250	56900	60550	64100	67350	70150	72450	74000	74150	65650
Median	0	0	0	0	42250	43150	44050	44950	45850	47650	50350	53050	55550	57900	59900	61550	62750	63400	55150
Lower Quartile	0	0	0	0	38300	39100	39900	40700	41450	43050	45350	47500	49500	51150	52500	53400	53800	52550	47250
Lower Decile	0	0	0	0	35200	35900	36600	37250	37950	39250	41100	42750	44150	45200	45850	46050	45850	43250	41550
Mean	0	0	0	0	43000	43900	44850	45850	46800	48750	51700	54600	57400	60000	62300	64200	65650	66650	58000
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	51500	49800	54200	58350	49950	59200	63250	69100	72050	76200	81100	81300	94050	89850	76550
Upper Quartile	0	0	0	0	43750	47950	51950	51300	48050	53850	56200	59650	64400	69850	70400	69950	76900	73300	65650
Median	0	0	0	0	39300	45400	50100	45100	43850	46300	50700	52550	55650	60500	61450	58250	63700	63150	55150
Lower Quartile	0	0	0	0	33600	41600	42500	39100	40450	42800	45650	47800	49000	52900	52700	51450	54150	52400	47250
Lower Decile	0	0	0	0	31000	36000	37600	36350	38500	38500	41350	44550	44200	44650	44250	47650	43650	43350	41550
Mean	0	0	0	0	40850	44700	47950	45850	44600	48350	51850	55000	57300	61100	62300	61800	67750	66200	58000
Supporting Data																			
Total Number	0	12	38	45	45	110	86	157	158	588	905	958	757	748	710	820	583	1188	7914
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	12	25	40
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	5

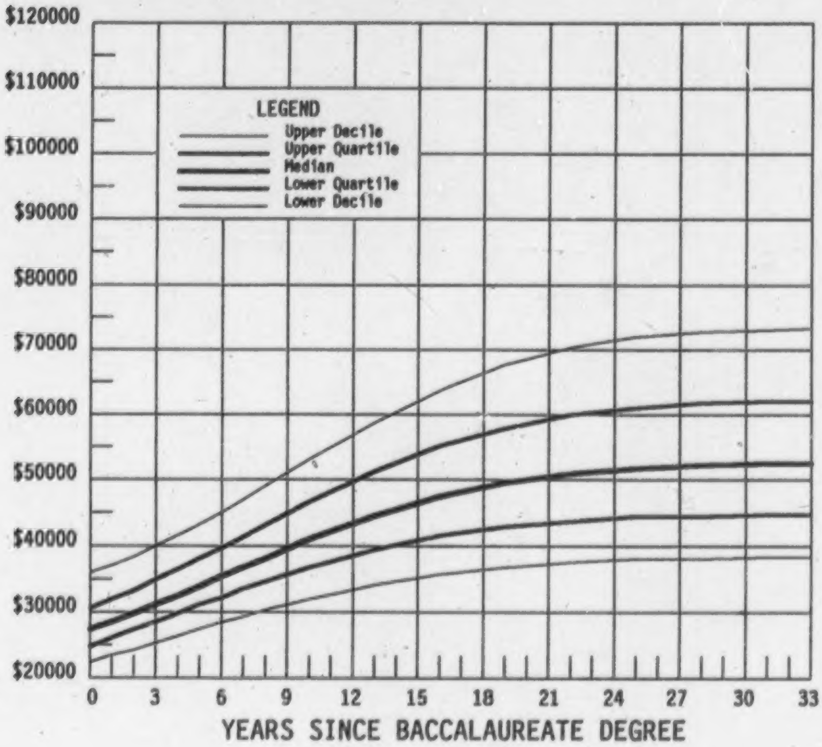
SALARY CURVES FOR ENGINEERS IN MEDIUM-SIZED COMPANIES NON-SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: MEDIUM-SIZED COMPANIES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32050	34150	36250	38350	40450	42550	44650	46650	48600	52200	56850	60400	62950	64550	65500	66000	66250	66350	57950
Upper Quartile	30550	32250	34000	35750	37500	39250	40950	42600	44200	47200	51000	53950	56000	57350	58100	58500	58700	58800	48500
Median	29400	30750	32100	33450	34750	36050	37350	38550	39700	41850	44550	46550	47950	48850	49400	49650	49800	49850	40050
Lower Quartile	27750	28900	30100	31200	32300	33300	34300	35250	36100	37650	39500	40800	41700	42250	42600	42750	42850	42850	34250
Lower Decile	26300	27300	28300	29200	30050	30900	31650	32350	33000	34100	35450	36350	36950	37350	37550	37650	37700	37750	30500
Mean	29450	30900	32350	33750	35150	36550	37900	39200	40450	42750	45600	47800	49300	50250	50850	51150	51250	51350	42350
Raw (Unsmoothed) Statistics																			
Upper Decile	31750	33750	36900	37450	42050	43300	44250	46450	48800	51600	55200	59250	63300	66050	65700	66850	65950	67200	57950
Upper Quartile	30500	32050	34150	35500	37900	39900	40850	42650	44100	47550	49800	51000	57100	57950	58000	59150	59350	59650	48500
Median	29000	30550	32150	33600	35600	36650	37350	37850	40000	41950	43350	43650	47900	50200	50000	51850	50500	50100	40050
Lower Quartile	27450	28800	30300	31200	32900	32750	34700	34850	36700	38050	38750	38850	40450	42350	44850	43200	43500	43150	34250
Lower Decile	26000	27250	28550	29200	30550	30200	31750	32300	33500	34350	35050	35650	35900	36100	38400	39300	37750	38150	30500
Mean	29200	30700	32600	33450	35950	36750	37950	38900	40800	42800	44500	45800	49250	50950	51450	52300	51900	51650	42350
Supporting Data																			
Total Number	563	1267	1314	1133	1230	1238	1191	978	861	2222	1701	1335	1130	1022	993	929	814	1958	21886
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	1	3	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11

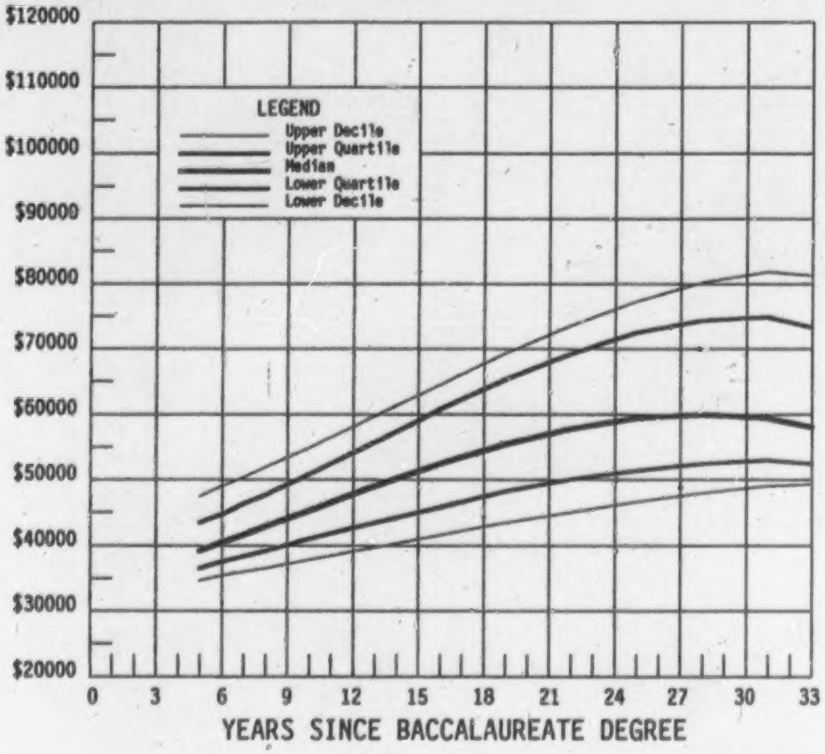
SALARY CURVES FOR ENGINEERS IN SMALL COMPANIES
ALL ENGINEERS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: SMALL COMPANIES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	36050	37150	38450	39900	41500	43250	45100	47000	48950	53000	58800	63800	67650	70300	71950	72800	73200	73400	63150
Upper Quartile	30700	32000	33400	34900	36450	38100	39750	41450	43200	46550	51250	55100	58000	59950	61150	61750	62050	62200	52000
Median	27350	28600	29900	31200	32600	34000	35400	36850	38250	40950	44550	47450	49550	50950	51800	52250	52450	52550	43100
Lower Quartile	24900	26150	27400	28650	29900	31150	32350	33550	34700	36800	39450	41500	42950	43850	44400	44650	44800	44850	35100
Lower Decile	22300	23350	24350	25400	26450	27450	28450	29400	30300	32000	34150	35750	36900	37600	38050	38250	38350	38400	29200
Mean	28300	29450	30700	32000	33400	34800	36250	37700	39150	42000	45900	49100	51450	53000	53950	54450	54700	54800	45150
Raw (Unsmoothed) Statistics																			
Upper Decile	32850	33450	50050	45450	40800	42650	43150	49000	46250	51050	54100	73100	63350	73950	70400	82200	83250	71150	63150
Upper Quartile	29650	31700	33550	37650	37250	37700	40100	46100	42900	46550	46650	54850	59000	62400	59900	66700	73700	59900	52000
Median	26700	28700	31100	31000	31000	33250	37250	39900	38800	40250	42700	47150	51100	52750	50600	53150	55550	51350	43100
Lower Quartile	24250	26600	28600	27150	28200	30800	34900	36700	36100	36300	36600	42450	43850	44050	43450	50350	43100	44650	35100
Lower Decile	20450	24850	26300	24900	23350	27150	33050	31300	32850	29100	32100	36500	38850	38850	39600	42400	39650	35500	29200
Mean	26800	29200	32950	33150	32200	34600	37850	40500	39400	40700	42750	50300	51600	53850	53500	59450	60250	53400	45150
Supporting Data																			
Total Number	182	226	245	190	187	228	253	159	291	575	758	576	630	323	381	262	257	604	6330
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	5	5	1	13
Less Than $22000	30	6	0	2	2	0	0	0	1	2	0	1	0	1	0	0	0	0	44

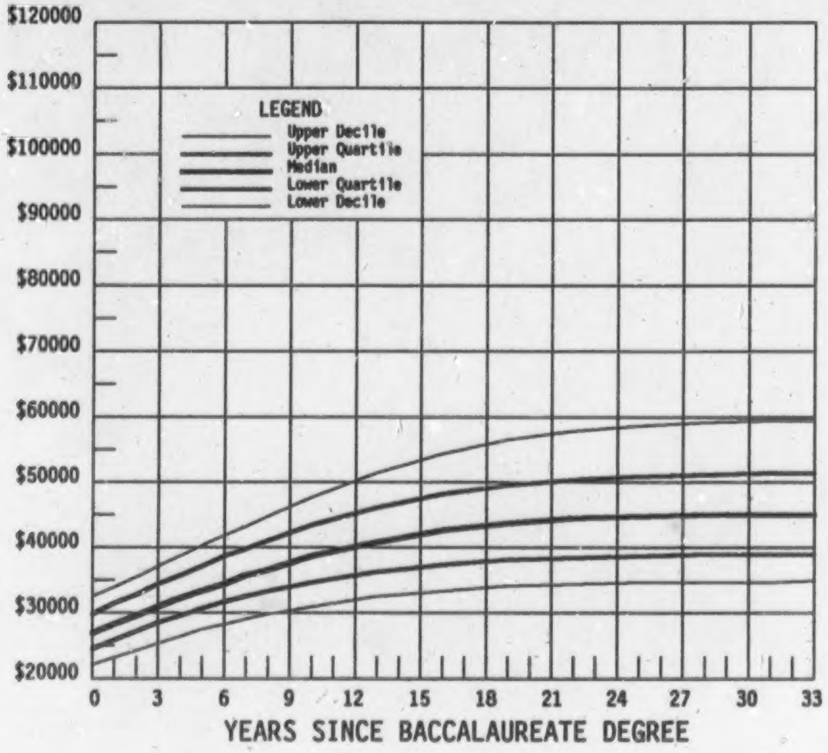
SALARY CURVES FOR ENGINEERS IN SMALL COMPANIES
SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: SMALL COMPANIES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	47500	48950	50400	51900	55000	59750	64600	69300	73650	77350	80150	81800	79800	75250
Upper Quartile	0	0	0	0	0	43350	44800	46300	47850	51000	55850	60750	65400	69450	72600	74450	74900	69000	62300
Median	0	0	0	0	0	39250	40450	41650	42900	45350	49000	52450	55550	57950	59500	60050	59550	53700	52250
Lower Quartile	0	0	0	0	0	36650	37550	38400	39250	41000	43550	46000	48250	50150	51600	52600	52950	51100	45650
Lower Decile	0	0	0	0	0	34750	35350	36000	36650	37900	39800	41650	43450	45150	46700	48000	49100	50550	41100
Mean	0	0	0	0	0	40350	41500	42700	43900	46350	50000	53650	57050	60000	62350	63850	64400	61200	55700
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	54350	53450	49550	49900	53950	55900	60000	64450	75950	72950	83950	84950	80800	75250
Upper Quartile	0	0	0	0	0	43450	50750	48400	46450	51650	51800	72150	61300	69800	68700	80000	82000	69150	62300
Median	0	0	0	0	0	39050	43550	44300	44000	47900	45400	53950	54250	59100	58450	59550	73550	53000	52250
Lower Quartile	0	0	0	0	0	33700	41500	39500	39400	43050	42200	46100	48150	49250	50700	52100	59850	51200	45650
Lower Decile	0	0	0	0	0	32700	35400	38500	38100	41350	37150	42650	42000	45000	47850	50250	53500	50100	41100
Mean	0	0	0	0	0	41250	45200	44200	43650	47950	47000	57400	55150	60150	60800	66100	73100	60850	55700
Supporting Data																			
Total Number	1	7	32	33	8	31	27	69	82	141	334	260	397	183	203	148	122	297	2371
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	5	3	1	11
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN SMALL COMPANIES
NON-SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: SMALL COMPANIES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32500	33950	35450	37050	38600	40200	41750	43300	44850	47700	51500	54450	56600	57950	58800	59200	59400	59500	51450
Upper Quartile	29850	31350	32850	34350	35800	37200	38550	39850	41100	43350	46100	48150	49550	50400	50950	51200	51350	51400	44450
Median	27000	28350	29650	30900	32150	33350	34500	35600	36650	38550	40850	42550	43700	44400	44850	45050	45150	45200	37700
Lower Quartile	24650	26000	27250	28500	29600	30650	31650	32500	33350	34700	36300	37350	38050	38450	38700	38800	38850	38900	31800
Lower Decile	22000	23200	24300	25400	26400	27350	28250	29050	29750	31000	32450	33400	34050	34450	34650	34750	34800	34850	27500
Mean	27350	28700	30000	31300	32600	33800	35000	36150	37250	39200	41650	43450	44700	45500	45950	46200	46300	46350	38850
Raw (Unsmoothed) Statistics																			
Upper Decile	32800	33400	34230	38500	40650	40900	40950	46200	43450	48050	49500	54400	55950	58950	57150	66450	64350	59700	51450
Upper Quartile	29600	31700	32800	33700	36850	36050	39400	41300	41450	43550	44000	48900	50150	53150	48400	54400	51600	52500	44450
Median	26650	28700	30550	29650	30950	32750	36800	38050	37300	37700	39850	44900	44900	43650	43400	50950	43450	45650	37700
Lower Quartile	24200	26600	28400	26300	28150	30400	34750	33100	34500	34850	33000	38950	39300	39450	40200	43500	40500	37000	31800
Lower Decile	20400	24850	26050	24700	23300	26900	32750	30450	32500	28550	30100	34750	35100	35400	38150	37900	38600	32600	27500
Mean	26700	29050	30800	30700	32100	33400	36950	37800	37750	38350	39500	44350	45250	45800	45550	50850	49100	46200	38850
Supporting Data																			
Total Number	181	220	215	157	179	195	224	91	209	433	427	320	232	141	183	117	135	308	3960
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
Less Than $22000	30	6	0	2	2	0	0	0	1	2	0	1	0	1	0	0	0	0	44

ALL INDUSTRY CURVES AND TABLES, BY GEOGRAPHIC REGION

REGIONAL CLASSIFICATION:

New England:
- Connecticut
- Maine
- Massachusetts
- New Hampshire
- Rhode Island
- Vermont

Middle Atlantic:
- New Jersey
- New York
- Pennsylvania

East North Central:
- Illinois
- Indiana
- Michigan
- Ohio
- Wisconsin

West North Central:
- Iowa
- Kansas
- Minnesota
- Missouri
- Nebraska
- North Dakota
- South Dakota

South Atlantic:
- Delaware
- District of Columbia
- Florida
- Georgia
- Maryland
- North Carolina
- South Carolina
- Virginia
- West Virginia

East South Central:
- Alabama
- Kentucky
- Mississippi
- Tennessee

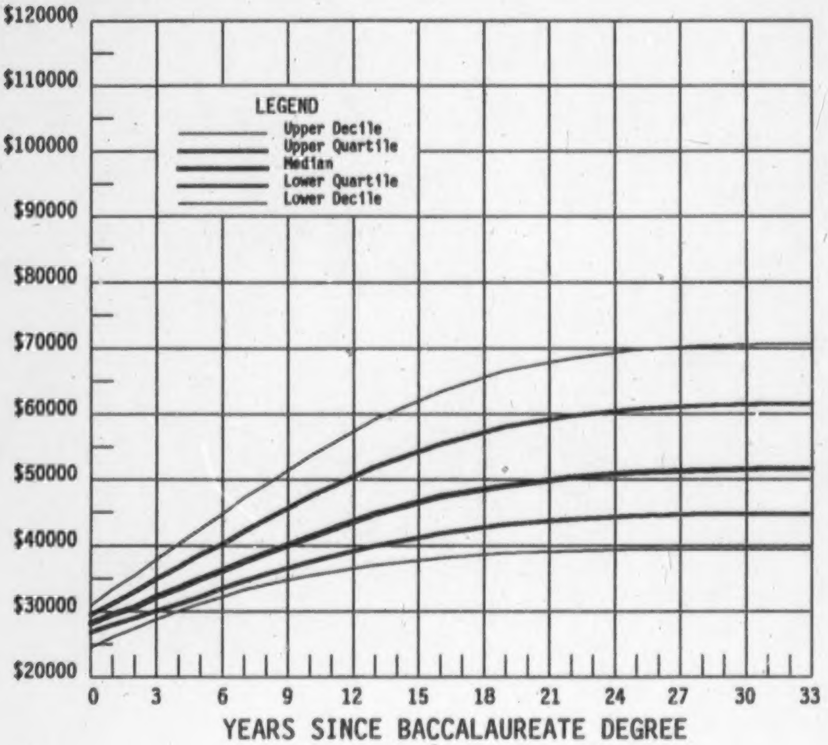
West South Central:
- Arkansas
- Louisiana
- Oklahoma
- Texas

Mountain:
- Arizona
- Colorado
- Idaho
- Montana
- Nevada
- New Mexico
- Utah
- Wyoming

Pacific:
- Alaska
- California
- Hawaii
- Oregon
- Washington

Note: Some participating employers are multi-regional, i.e., classed in none of the above categories.

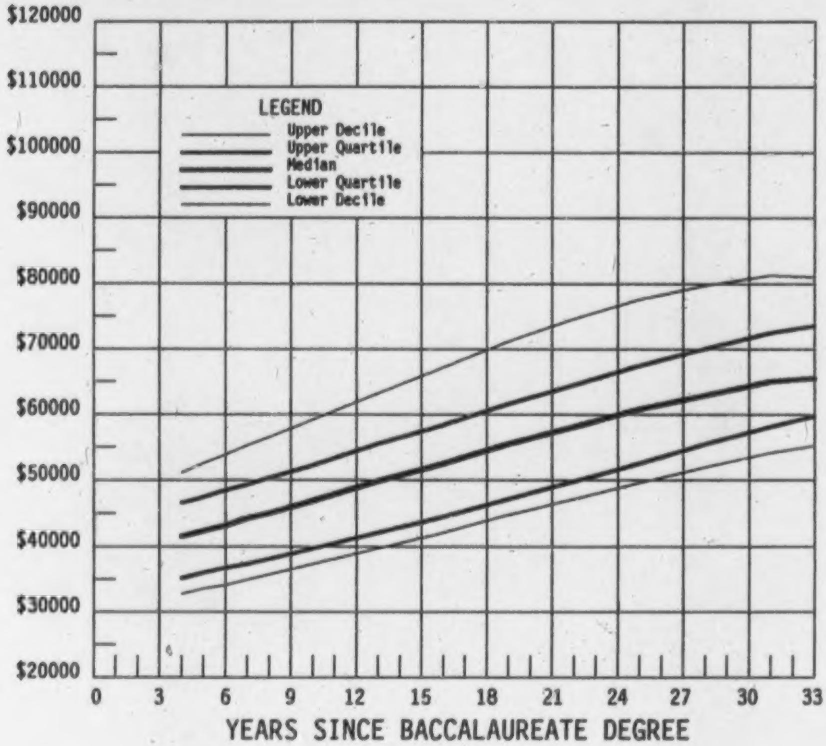
SALARY CURVES FOR ENGINEERS IN ALL NEW ENGLAND
ALL ENGINEERS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: ALL NEW ENGLAND

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	30950	33200	35500	37800	40150	42500	44800	47100	49350	53600	59150	63450	66550	68550	69750	70350	70650	70800	61850
Upper Quartile	29550	31300	33050	34850	36700	38550	40400	42200	44000	47450	51950	55550	58150	59850	60850	61400	61650	61750	51450
Median	28200	29500	30800	32150	33500	34900	36250	37650	38950	41450	44750	47350	49200	50400	51150	51500	51700	51750	41850
Lower Quartile	26900	27950	29050	30150	31300	32400	33500	34550	35600	37500	39950	41850	43150	44050	44550	44800	44900	44950	35200
Lower Decile	24650	26100	27500	28800	30050	31200	32250	33200	34050	35500	37150	38200	38800	39200	39350	39450	39500	39500	30000
Mean	28650	30100	31600	33150	34650	36200	37700	39200	40650	43400	46950	49700	51650	52950	53700	54100	54250	54350	44400
Raw (Unsmoothed) Statistics																			
Upper Decile	29850	33050	35800	40200	40150	45000	44500	47400	47000	51400	60700	59550	70600	69200	62500	72400	90500	69850	61850
Upper Quartile	29350	30600	33250	36800	37800	40400	38000	40950	43600	47300	54400	54550	58250	63200	53300	61000	62350	61850	51450
Median	28550	29050	30350	31650	35450	36000	35850	37850	38300	39900	47400	46900	49450	57500	45300	52600	57350	49500	41850
Lower Quartile	27000	27600	28900	29550	32350	32700	34600	33850	34800	36950	37950	44650	40750	50150	42650	45750	50500	42500	35200
Lower Decile	25050	25450	28150	27450	30550	30850	33300	32250	32500	35250	36350	41050	38700	42700	41150	37600	41800	35750	30000
Mean	28200	29650	32250	33150	35400	37400	37700	38350	39450	42200	47400	49800	52550	56500	48800	54800	61600	52400	44400
Supporting Data																			
Total Number	58	74	99	66	80	90	153	53	50	238	166	172	138	78	119	66	38	266	2016
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	2
Less Than $22000	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2

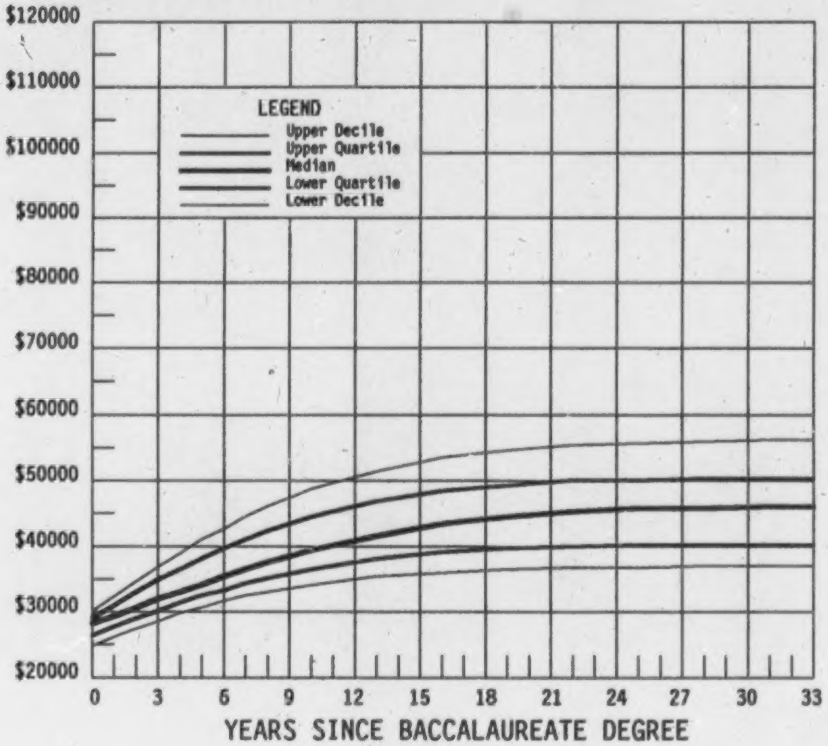
SALARY CURVES FOR ENGINEERS IN ALL NEW ENGLAND SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: ALL NEW ENGLAND, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	51250	52500	53800	55100	56450	59150	63250	67250	71100	74600	77550	79800	81250	80550	70800
Upper Quartile	0	0	0	0	46550	47500	48450	49400	50350	52350	55350	58450	61500	64500	67400	70100	72550	77050	62650
Median	0	0	0	0	41500	42350	43250	44150	45050	46900	49750	52600	55400	58150	60700	63000	64950	67950	54500
Lower Quartile	0	0	0	0	35300	36000	36700	37450	38200	39700	42100	44600	47250	49900	52650	55400	58150	64950	46300
Lower Decile	0	0	0	0	32800	33500	34250	35000	35750	37300	39700	42200	44700	47250	49700	52000	54150	58350	38500
Mean	0	0	0	0	41650	42600	43550	44500	45500	47500	50550	53650	56750	59750	62600	65150	67350	70650	55600
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	46700	54200	62400	49700	49400	61300	61600	65800	80100	71700	74000	75900	127500	71950	70800
Upper Quartile	0	0	0	0	41750	51500	53750	47750	45500	52150	55200	56000	67750	65550	65650	70500	81250	69800	62650
Median	0	0	0	0	39500	41000	48000	40100	38000	45500	52000	53550	55800	61650	55500	63000	60650	62950	54500
Lower Quartile	0	0	0	0	37500	37000	39500	38150	35750	40200	37950	46300	50350	56150	51750	53750	57550	59150	46300
Lower Decile	0	0	0	0	34200	34400	34400	35300	34700	37350	36750	44650	47500	51650	46250	48650	55850	53500	38500
Mean	0	0	0	0	39900	43150	47500	42600	41800	47350	49400	53700	60850	61850	59450	64400	73700	64250	55600
Supporting Data																			
Total Number	0	3	6	1	11	12	22	13	14	57	106	101	69	53	35	31	19	102	662
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	2
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

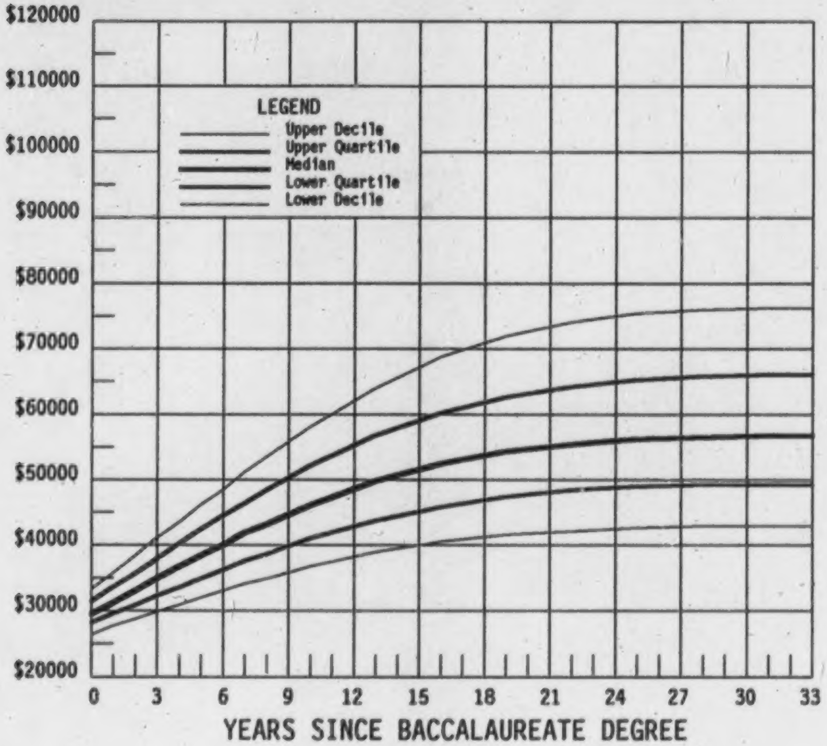
SALARY CURVES FOR ENGINEERS IN ALL NEW ENGLAND
NON-SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: ALL NEW ENGLAND, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	30050	32400	34700	36900	39000	41000	42800	44500	46050	48700	51600	53550	54750	55450	55850	56050	56150	56150	49300
Upper Quartile	29000	31050	33000	34850	36600	38250	39750	41150	42450	44600	47000	48550	49450	50000	50250	50400	50450	50450	44600
Median	28150	29400	30650	31900	33100	34250	35400	36500	37500	39400	41700	43400	44600	45350	45800	46000	46100	46150	37350
Lower Quartile	26450	27800	29050	30250	31400	32500	33450	34400	35200	36600	38200	39200	39800	40100	40300	40350	40400	40400	32900
Lower Decile	24700	26150	27450	28650	29750	30750	31650	32450	33100	34250	35400	36100	36550	36800	36900	37000	37000	37000	29050
Mean	27800	29450	31050	32550	34000	35350	36650	37800	38900	40800	42950	44400	45300	45850	46150	46300	46350	46350	38900
Raw (Unsmoothed) Statistics																			
Upper Decile	29850	32000	34400	39750	38900	43600	39950	44000	46300	49200	54900	49650	56400	56800	49700	56500	61600	56300	49300
Upper Quartile	29350	30200	32850	36600	37050	39900	37250	40250	43250	45950	48050	46800	48800	51900	45950	53150	57000	49100	44600
Median	28550	28950	30000	31600	34750	35200	35600	36650	38000	38050	43150	44950	40700	46250	43800	47750	50000	45400	37350
Lower Quartile	27000	27450	28800	29500	31800	32400	34500	33200	34150	36650	37750	41300	39000	41900	41950	40750	42500	36950	32900
Lower Decile	25050	25350	28100	27400	30350	30650	33150	32000	31600	33700	34050	36150	37600	33200	40150	35250	35600	35150	29050
Mean	28200	28800	30850	32850	34600	36700	36100	37000	38350	40600	43800	44350	44550	45850	44350	46800	49250	44950	38900
Supporting Data																			
Total Number	58	71	93	65	66	79	132	40	34	181	61	72	68	26	83	35	18	163	1353
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2

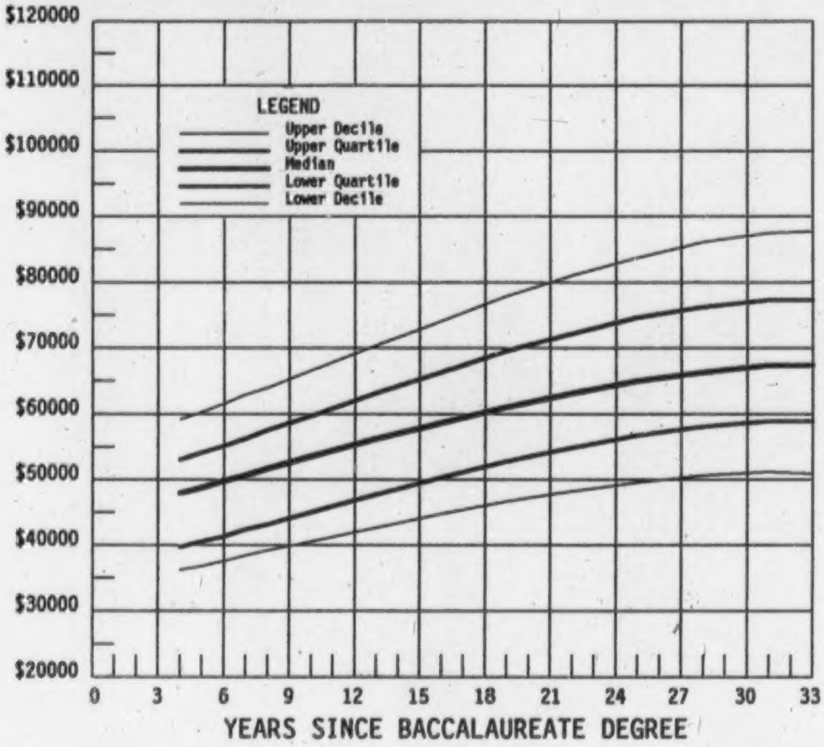
SALARY CURVES FOR ENGINEERS IN MID-ATLANTIC STATES
ALL ENGINEERS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: MID-ATLANTIC STATES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33400	35850	38400	40950	43500	46100	48650	51150	53550	58150	64100	68700	71950	74100	75350	76000	76300	76450	66850
Upper Quartile	31450	33600	35800	38000	40200	42350	44450	46500	48500	52150	56800	60350	62800	64400	65300	65800	66050	66150	56100
Median	29500	31300	33100	34900	36700	38450	40100	41750	43300	46200	49800	52500	54400	55550	56250	56650	56800	56900	46900
Lower Quartile	28150	29500	30900	32250	33600	34950	36250	37550	38750	41000	43850	46000	47500	48450	49000	49300	49450	49500	37850
Lower Decile	26500	27600	28750	29850	30950	32000	33050	34050	35000	36750	38850	40450	41550	42250	42650	42900	43000	43050	32800
Mean	29950	31750	33550	35400	37200	38950	40700	42400	44050	47050	50900	53850	55900	57250	58000	58400	58600	58700	48600
Raw (Unsmoothed) Statistics																			
Upper Decile	32850	36900	37800	39750	43650	46800	49500	51450	54650	57750	62750	67900	71900	75400	75700	75200	75550	77700	66850
Upper Quartile	31500	32800	36600	37100	40750	43100	45200	47250	48950	51250	55100	59150	63150	67100	65550	66000	64050	67600	56100
Median	30300	30850	33000	35000	36700	38500	40000	42650	43050	46400	49300	51850	54800	57200	55200	56600	56150	56950	46900
Lower Quartile	28450	29250	30450	32600	34100	34900	36750	37450	38150	41000	43300	45400	48250	50550	48100	49600	48700	48850	37850
Lower Decile	26400	27950	28250	29700	31250	31300	34350	34750	34350	37000	38050	39150	42900	43300	41800	43300	42700	43100	32800
Mean	30050	31500	33600	35150	37350	39300	41200	42850	44000	46900	49900	52950	56450	59000	57350	58350	57700	59450	48600
Supporting Data																			
Total Number	326	802	1051	998	1166	1173	1302	1027	1034	2455	2357	2081	1785	1558	1558	1317	1107	1712	24824
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	15	18
Less Than $22000	0	0	7	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	9

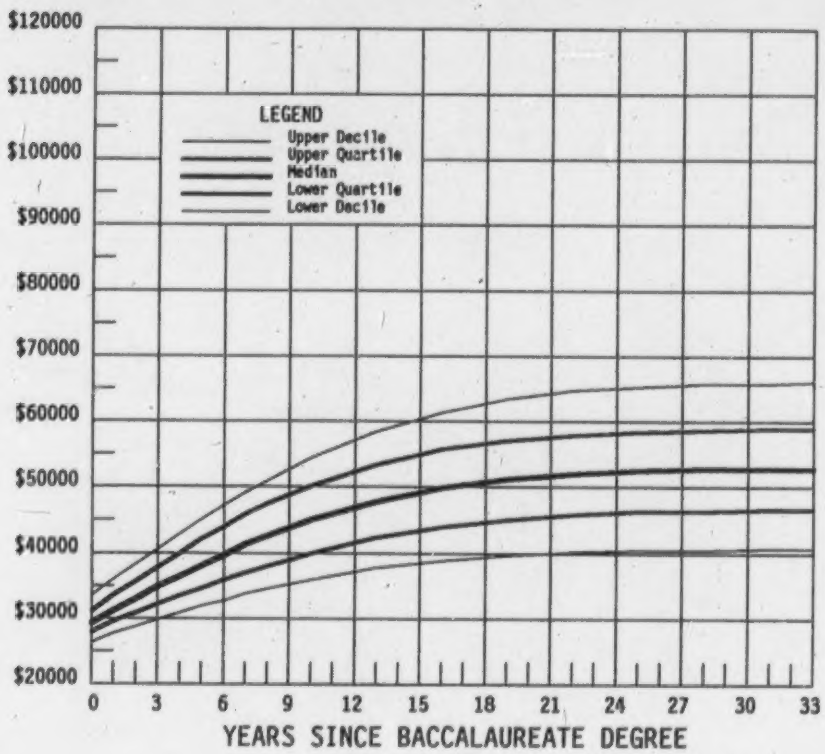
SALARY CURVES FOR ENGINEERS IN MID-ATLANTIC STATES SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: MID-ATLANTIC STATES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	59100	60300	61600	62850	64100	66700	70500	74250	77800	81000	83800	86050	87600	88150	79300
Upper Quartile	0	0	0	0	53000	54150	55250	56400	57550	59850	63250	66500	69550	72300	74600	76300	77400	76900	70000
Median	0	0	0	0	48000	48900	49800	50750	51650	53500	56200	58750	61150	63300	65100	66500	67450	67450	60600
Lower Quartile	0	0	0	0	39700	40550	41450	42350	43250	45050	47750	50350	52800	54950	56750	58150	59000	58450	51650
Lower Decile	0	0	0	0	36150	36900	37600	38350	39100	40550	42700	44750	46600	48300	49650	50600	51200	50650	44600
Mean	0	0	0	0	47650	48600	49550	50550	51500	53450	56400	59200	61850	64250	66300	67950	69100	69450	61650
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	62000	61200	64700	59900	63100	65650	70650	74700	79800	82600	84450	82050	86050	87700	79300
Upper Quartile	0	0	0	0	46600	52900	56100	54000	58950	59900	63400	67050	70600	74200	74700	72650	75600	76850	70000
Median	0	0	0	0	40050	50000	51650	47750	52850	54000	55450	58800	62800	67000	65650	61700	64800	67950	60600
Lower Quartile	0	0	0	0	37500	37850	40900	44300	41000	45900	46300	51350	53700	58700	56500	53850	57400	58750	51650
Lower Decile	0	0	0	0	35250	35350	37050	37700	38950	40800	41600	46100	47650	53050	45150	48100	52650	50500	44600
Mean	0	0	0	0	45100	47650	50800	48550	51300	53600	55900	59800	63250	67250	65800	63850	67750	69550	61650
Supporting Data																			
Total Number	1	2	16	13	25	54	83	153	155	488	670	736	704	616	577	584	357	620	5863
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	15	18
Less Than $22000	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1

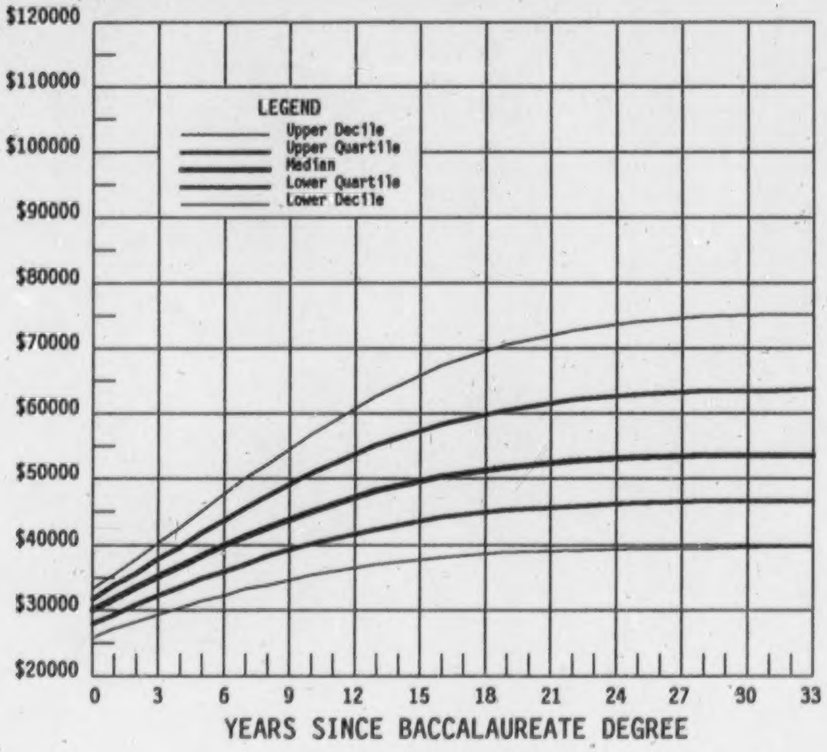
SALARY CURVES FOR ENGINEERS IN MID-ATLANTIC STATES
NON-SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: MID-ATLANTIC STATES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33650	36000	38350	40650	42900	45100	47150	49150	51000	54400	58500	61450	63450	64700	65450	65800	66000	66050	58400
Upper Quartile	31200	33550	35800	38000	40100	42150	44000	45750	47400	50200	53450	55650	57100	58000	58500	58750	58850	58900	51300
Median	29400	31250	33100	34900	36600	38250	39800	41250	42600	45000	47850	49900	51250	52050	52550	52800	52900	52950	43550
Lower Quartile	28100	29500	30900	32250	33550	34800	36000	37100	38150	40100	42400	44050	45200	45900	46300	46500	46600	46650	36450
Lower Decile	26350	27600	28750	29850	30950	31950	32900	33800	34600	36050	37750	38950	39750	40200	40500	40650	40700	40750	31750
Mean	29750	31600	33450	35200	36900	38550	40100	41550	42900	45350	48200	50250	51600	52450	52950	53200	53300	53350	44550
Raw (Unsmoothed) Statistics																			
Upper Decile	32850	36900	37700	39500	43550	46250	48400	49850	51550	52900	57050	60050	62950	66100	65700	67900	65300	68000	58400
Upper Quartile	31500	32800	36500	37050	40650	42750	44550	46200	47650	49450	52500	54500	57250	58900	57850	60400	59500	59400	51300
Median	30300	30850	32900	34950	36600	38300	39700	41850	42150	45300	47750	49350	52000	53100	51850	53750	51950	52150	43550
Lower Quartile	28450	29250	30400	32600	34050	34750	36600	37150	37450	40200	42100	41850	45950	47300	46450	47000	46350	46900	36450
Lower Decile	26400	27950	28200	29650	31200	31250	34250	34450	33900	36450	36750	37950	40100	40300	40050	41250	40350	41950	31750
Mean	30050	31450	33250	34900	37200	38850	40550	41900	42700	45200	47550	49200	52050	53550	52450	53950	52850	53750	44550
Supporting Data																			
Total Number	325	800	1033	985	1142	1118	1217	875	878	1968	1689	1344	1081	940	982	735	748	1093	18960
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8

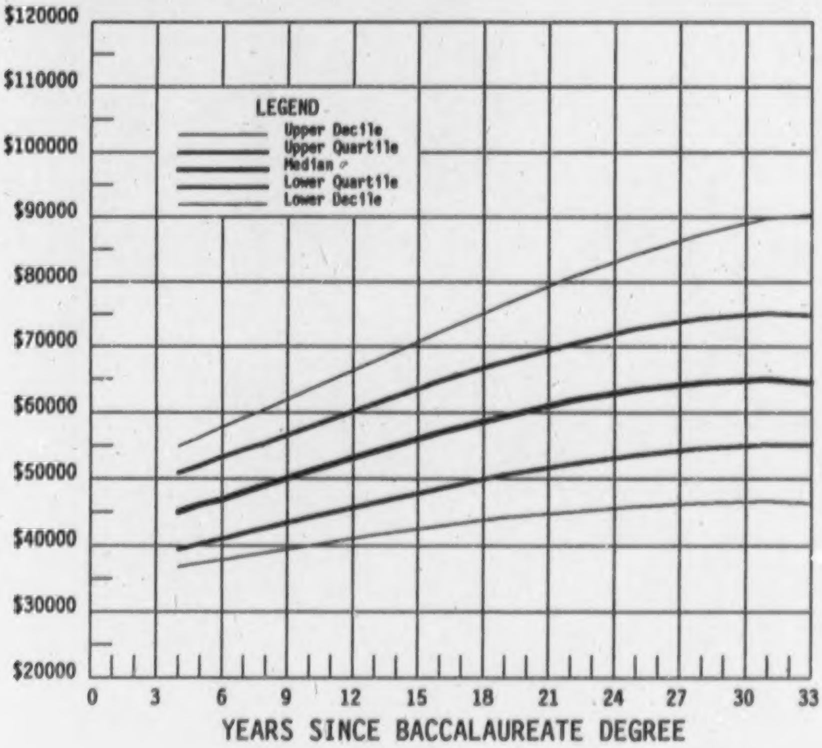
SALARY CURVES FOR ENGINEERS IN EAST NORTH CENTRAL STATES
ALL ENGINEERS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: EAST NORTH CENTRAL STATES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33200	35500	37850	40250	42700	45150	47600	50000	52350	56800	62700	67350	70700	72900	74150	74850	75150	75300	64350
Upper Quartile	31750	33750	35800	37800	39850	41800	43750	45650	47450	50850	55100	58350	60600	62100	62950	63400	63600	63700	53650
Median	30050	31800	33500	35200	36800	38400	39900	41350	42700	45150	48150	50350	51800	52750	53300	53550	53700	53750	45300
Lower Quartile	27950	29400	30850	32250	33550	34850	36100	37200	38300	40200	[illegible]2500	44150	45250	45950	46350	46550	46650	46700	37450
Lower Decile	25850	27100	28250	29400	30450	31450	32350	33250	34000	35400	36950	38050	38800	39250	39500	39600	39650	39700	32350
Mean	30000	31700	33400	35050	36750	38400	40050	41600	43100	45900	49450	52150	54000	55250	55950	56300	56450	56550	47350
Raw (Unsmoothed) Statistics																			
Upper Decile	31900	36550	37650	38600	43650	46150	49800	51700	53100	55300	60600	64200	69500	72650	75450	75750	79900	79550	64350
Upper Quartile	31050	33500	36300	37150	40550	42450	45300	46200	48100	49750	53500	56350	60700	61850	63950	63900	65600	66200	53650
Median	29550	31650	33650	35150	37650	38800	40250	41000	43200	44650	47550	49300	52050	52250	53750	54650	53700	54950	45300
Lower Quartile	27200	29700	30950	31750	34550	34850	36450	37250	38800	39850	41850	43500	45100	45150	47300	48500	46250	47450	37450
Lower Decile	25000	27000	28550	29600	31600	30900	32800	33400	34400	35000	36600	36950	38100	38300	40000	41400	39450	41500	32350
Mean	29300	31600	33650	34600	37650	38700	40900	42000	43750	45250	48350	50600	53350	54300	56450	57500	58150	59100	47350
Supporting Data																			
Total Number	564	998	1302	1084	1260	1361	1386	1248	1137	3072	3088	2676	2175	2008	1516	1433	1298	2239	29849
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	11	26	42
Less Than $22000	10	8	6	2	2	1	0	0	1	2	0	0	0	0	5	0	0	0	35

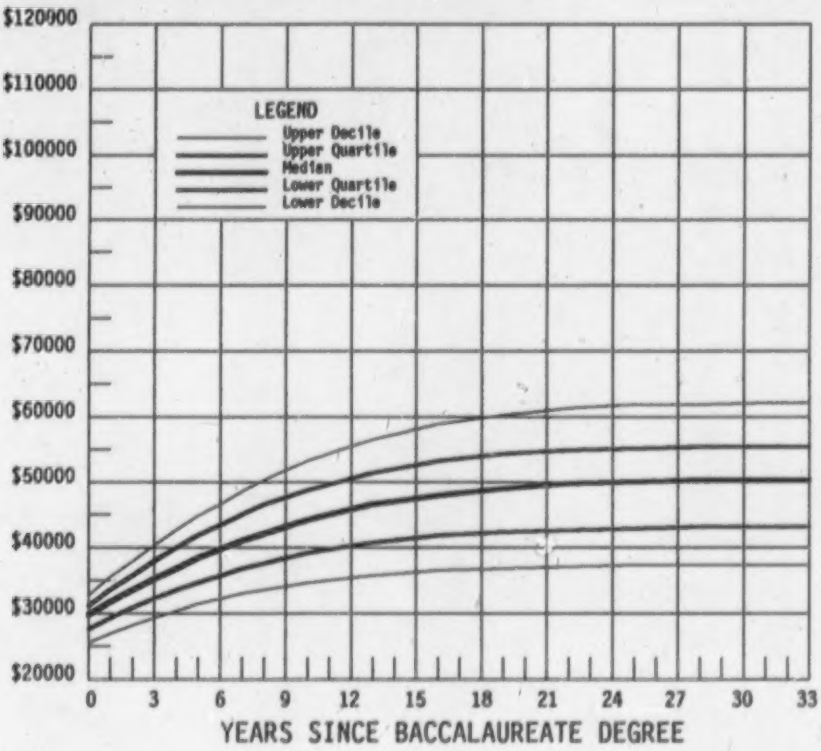
SALARY CURVES FOR ENGINEERS IN EAST NORTH CENTRAL STATES SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: EAST NORTH CENTRAL STATES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	55000	56350	57750	59100	60550	63400	67800	72250	76600	80700	84400	87550	90000	91950	78900
Upper Quartile	0	0	0	0	50900	52050	53200	54350	55550	57900	61350	64700	67800	70500	72700	74300	75200	73800	67900
Median	0	0	0	0	45050	46050	47050	48100	49100	51150	54150	57000	59550	61750	63450	64600	65050	63000	58750
Lower Quartile	0	0	0	0	39450	40250	41050	41800	42600	44150	46450	48600	50600	52350	53700	54700	55300	54500	48950
Lower Decile	0	0	0	0	36750	37300	37850	38400	38950	40050	41550	42950	44150	45150	45950	46450	46650	45800	42150
Mean	0	0	0	0	45650	46650	47600	48600	49600	51600	54550	57450	60150	62650	64750	66450	67600	67750	60200
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	48800	51150	55750	59150	60650	66550	68850	71900	77400	79050	83900	83800	92900	92450	78900
Upper Quartile	0	0	0	0	44000	46500	53000	56250	56200	60200	61650	63750	67950	71350	73050	72350	74400	74450	67900
Median	0	0	0	0	39350	44550	50950	46200	48400	52150	54450	56750	60150	62100	64250	62500	64050	63600	58750
Lower Quartile	0	0	0	0	36800	40050	42150	40150	42800	44450	47400	48350	49600	52650	55200	53600	55050	54650	48950
Lower Decile	0	0	0	0	31800	36950	38700	38300	38650	41500	41100	43100	43350	44450	48400	48350	43600	46150	42150
Mean	0	0	0	0	39950	43900	48500	47950	49350	53350	55050	57250	60100	62250	65450	64800	67700	68150	60200
Supporting Data																			
Total Number	2	10	27	42	28	98	105	183	195	470	844	887	832	771	594	633	582	1007	7310
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	11	26	41
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	5

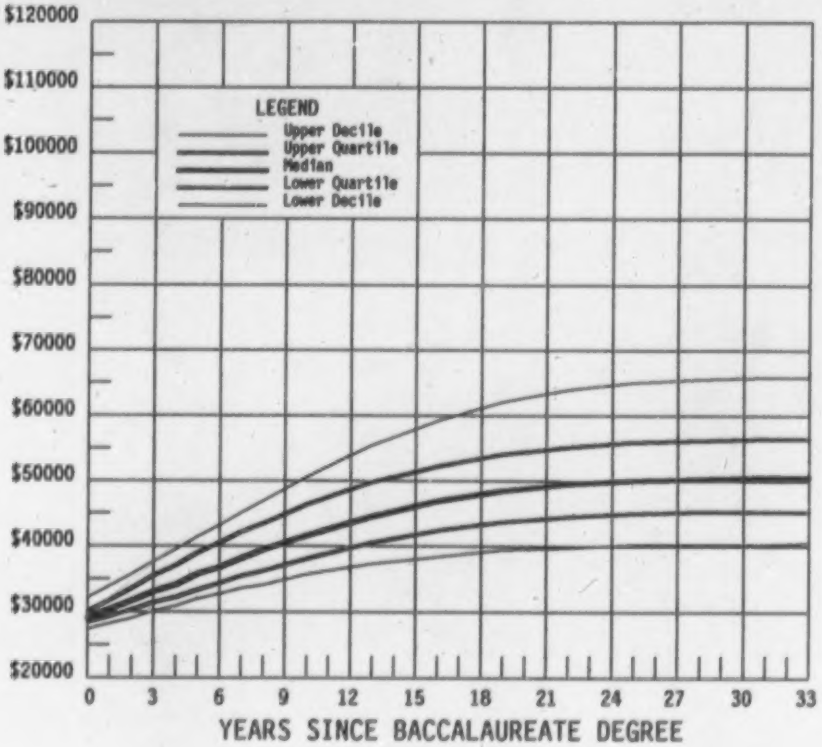
SALARY CURVES FOR ENGINEERS IN EAST NORTH CENTRAL STATES NON-SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: EAST NORTH CENTRAL STATES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32900	35400	37900	40250	42550	44700	46750	48600	50350	53300	56650	58900	60350	61250	61750	62000	62100	62150	55200
Upper Quartile	31300	33600	35850	37950	39950	41850	43550	45100	46550	48900	51550	53250	54300	54950	55300	55450	55550	55600	49550
Median	29950	31750	33550	35250	36850	38350	39750	41050	42200	44250	46550	48100	49150	49750	50100	50300	50350	50400	42150
Lower Quartile	27750	29350	30850	32250	33600	34750	35850	36850	37700	39150	40750	41750	42400	42800	43000	43100	43150	43200	35900
Lower Decile	25700	27050	28300	29450	30450	31400	32250	33000	33650	34700	35800	36500	36900	37150	37300	37350	37400	37400	31350
Mean	29750	31600	33400	35150	36750	38300	39700	41000	42200	44250	46550	48150	49150	49750	50100	50300	50400	50400	43150
Raw (Unsmoothed) Statistics																			
Upper Decile	31900	36500	37650	38500	43550	45750	48350	49250	50700	52150	55000	57400	60950	60900	62350	63400	62800	64650	55200
Upper Quartile	31050	33500	36300	37150	40500	41550	44500	45250	46750	48600	51050	52050	54900	54550	55750	57000	54350	56600	49550
Median	29550	31650	33750	35100	37650	38550	39900	40550	42600	43850	45950	47800	49550	48950	50850	51150	50800	50700	42150
Lower Quartile	27200	29700	30900	31750	34500	34550	36200	36650	38000	38950	40300	41300	42100	42650	44000	44550	42150	43600	35900
Lower Decile	25000	26950	28550	29600	31600	30750	32650	32850	34050	34350	35550	35450	35650	36350	37700	38900	38100	39400	31350
Mean	29300	31600	33650	34600	37600	38300	40300	41000	42550	43800	45800	47200	49150	49300	50650	51750	50500	51600	43150
Supporting Data																			
Total Number	562	986	1273	1046	1233	1261	1281	1065	941	2603	2247	1785	1345	1234	922	803	716	1225	22537
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	10	8	6	2	2	1	0	0	1	2	0	0	0	0	0	0	0	0	31

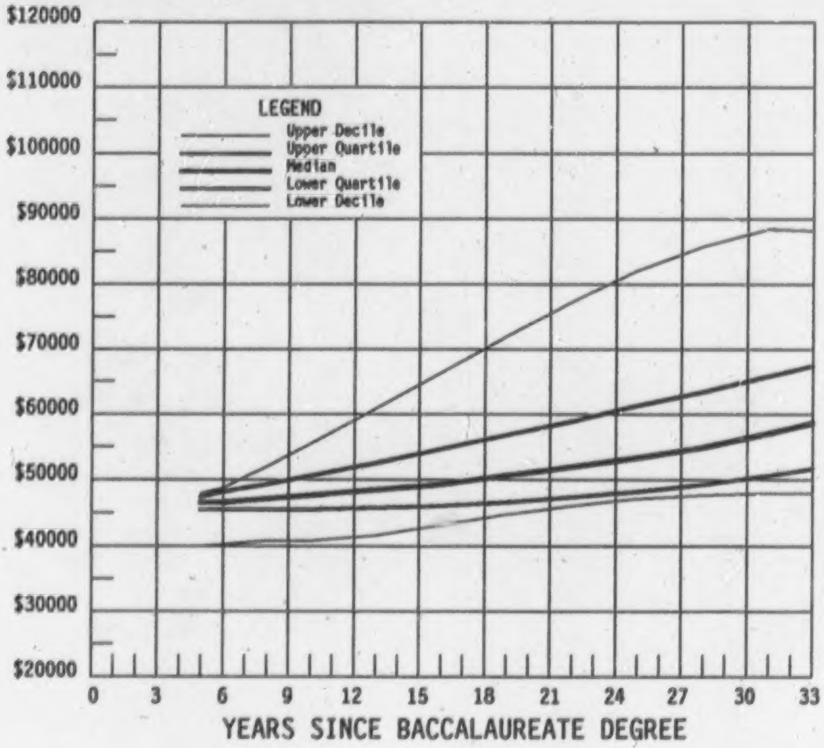
SALARY CURVES FOR ENGINEERS IN WEST NORTH CENTRAL STATES
ALL ENGINEERS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: WEST NORTH CENTRAL STATES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32300	34000	35750	37550	39400	41300	43200	45050	46950	50550	55350	59250	62100	63950	65100	65650	65950	66100	55200
Upper Quartile	30050	31850	33600	35350	37100	38800	40450	42050	43550	46350	49800	52350	54150	55300	55950	56300	56450	56550	47900
Median	29050	30350	31650	32950	34250	35600	36850	38150	39150	41650	44600	46850	48450	49500	50100	50400	50550	50650	40500
Lower Quartile	28500	29400	30350	31350	32350	33350	34350	35350	36300	38150	40500	42350	43650	44500	45000	45250	45400	45450	34400
Lower Decile	27350	28300	29200	30100	31000	31900	32700	33500	34250	35600	37250	38500	39350	39850	40200	40350	40400	40450	30650
Mean	30150	31200	32300	33500	34750	36050	37350	38650	39950	42450	45800	48500	50450	51750	52550	52950	53100	53200	42450
Raw (Unsmoothed) Statistics																			
Upper Decile	33100	32000	36850	36800	37850	49000	42350	46150	44550	50350	51550	58400	59600	63750	67300	75200	62500	66150	55200
Upper Quartile	30800	31450	33300	33850	35700	47450	40050	42050	42400	45750	47850	51500	54300	52800	60150	58250	58150	57200	47900
Median	29300	30600	31350	31900	34650	36800	38100	38050	40000	41650	43350	45850	49650	46500	53650	52800	49600	50450	40500
Lower Quartile	28300	29450	30500	30800	31700	33600	36050	35100	38200	37600	39950	40700	43550	43000	46850	48100	44300	45350	34400
Lower Decile	25550	28500	30000	30200	30000	31350	33050	34100	35300	34850	37250	37250	38150	38800	40800	41750	40900	41900	30650
Mean	30250	31050	32200	32750	34650	38850	38100	38950	40050	42100	44300	47300	49300	49100	55450	58700	52050	53400	42450
Supporting Data																			
Total Number	39	101	181	87	61	81	62	99	102	236	163	122	83	132	67	92	39	88	1838
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	1	5
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

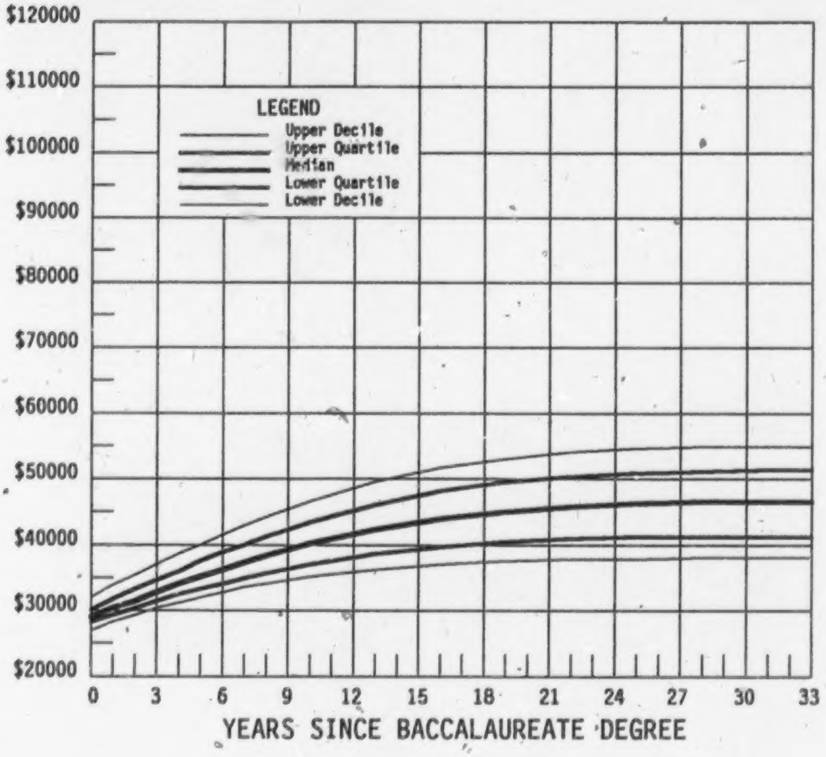
SALARY CURVES FOR ENGINEERS IN WEST NORTH CENTRAL STATES
SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: WEST NORTH CENTRAL STATES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	48000	48750	50350	52000	55400	60750	66350	72000	77400	82200	86000	88550	87400	66250
Upper Quartile	0	0	0	0	0	47500	48150	48750	49400	50700	52650	54700	56850	59000	61200	63500	65800	72000	57750
Median	0	0	0	0	0	46550	46750	46950	47200	47650	48500	49450	50600	51900	53350	55050	57000	63750	50350
Lower Quartile	0	0	0	0	0	45500	45500	45500	45550	45650	45850	46250	46800	47450	48300	49350	50600	55150	46000
Lower Decile	0	0	0	0	0	40000	40200	40400	40600	40900	41650	43200	44850	46200	47150	47700	48000	48150	43450
Mean	0	0	0	0	0	45250	45850	46400	47000	48200	50050	52000	54000	56050	58150	60300	62500	68550	54050
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	49700	0	0	48500	54600	63800	68000	62200	66500	95000	134000	85000	70550	66250
Upper Quartile	0	0	0	0	0	49200	0	0	46750	49550	52400	56650	55900	59200	62850	67500	60000	63650	57750
Median	0	0	0	0	0	48400	0	0	45500	46000	48750	51800	53750	49000	58200	55750	56000	56250	50350
Lower Quartile	0	0	0	0	0	47550	0	0	44250	44500	45950	45900	50950	45250	52500	51200	50000	48100	46000
Lower Decile	0	0	0	0	0	47100	0	0	42500	40700	43300	41500	47900	44100	48500	48550	45000	45550	43450
Mean	0	0	0	0	0	47700	0	0	45500	46800	50300	52950	54450	53400	61200	70000	56900	59300	54050
Supporting Data																			
Total Number	0	0	0	0	0	26	4	2	10	77	41	50	29	68	40	41	20	41	453
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	1	5
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

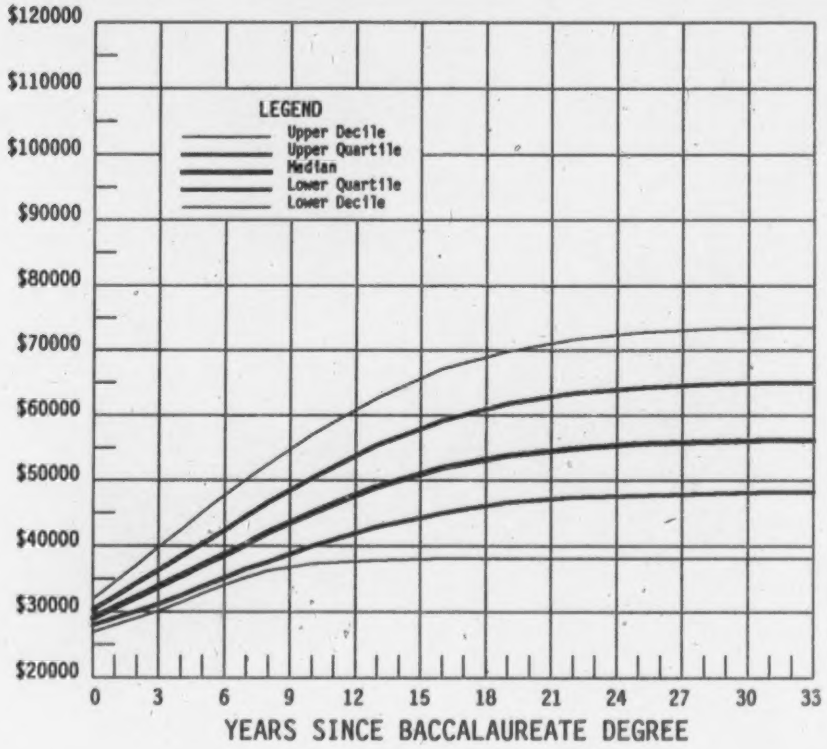
SALARY CURVES FOR ENGINEERS IN WEST NORTH CENTRAL STATES NON-SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: WEST NORTH CENTRAL STATES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32100	33800	35400	37050	38600	40100	41550	42950	44250	46650	49550	51650	53100	54050	54600	54850	55000	55050	49200
Upper Quartile	30250	31750	33200	34650	36100	37500	38800	40100	41300	43500	46200	48250	49600	50500	51000	51250	51400	51450	42850
Median	29050	30300	31600	32850	34050	35200	36350	37400	38400	40250	42450	44100	45200	45900	46300	46550	46650	46700	37650
Lower Quartile	28200	29300	30400	31450	32450	33350	34250	35050	35800	37150	38700	39800	40500	40950	41250	41350	41400	41450	32050
Lower Decile	27000	28150	29250	30300	31200	32050	32850	33550	34150	35200	36350	37100	37550	37850	38000	38100	38100	38150	30300
Mean	29850	31050	32200	33400	34550	35650	36700	37750	38700	40450	42650	44250	45350	46050	46500	46700	46800	46850	38600
Raw (Unsmoothed) Statistics																			
Upper Decile	33100	32000	36850	36800	37750	38250	40900	46150	43300	46350	49250	49950	54950	52000	55500	58200	60200	55600	49200
Upper Quartile	30800	31450	33300	33850	36600	36950	39800	41600	41500	42650	45550	47750	50900	49650	51900	55450	48700	52350	42850
Median	29300	30600	31350	31900	34550	34800	37950	37800	39650	39500	42000	42900	46250	44350	46600	50850	45100	48350	37650
Lower Quartile	28300	29450	30500	30800	31650	32600	35900	35050	38000	35950	39150	39000	40750	39850	42050	43100	42050	42600	32050
Lower Decile	25550	28500	30000	30200	30000	30500	33000	34100	35050	34550	36700	36800	36700	36400	38700	39350	39900	40800	30300
Mean	30250	31050	32200	32750	34550	34600	37600	38800	39450	39900	42500	43650	46100	44550	46900	49450	46450	48150	38600
Supporting Data																			
Total Number	39	101	181	87	60	55	59	96	92	159	125	73	54	64	27	49	19	48	1386
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

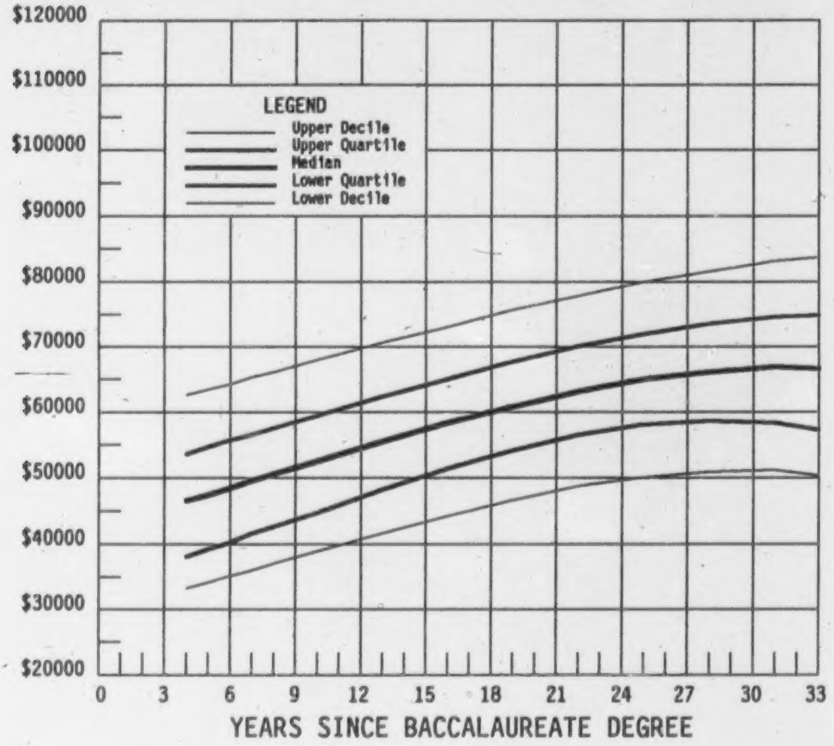
SALARY CURVES FOR ENGINEERS IN SOUTH ATLANTIC STATES
ALL ENGINEERS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: SOUTH ATLANTIC STATES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	31900	34450	37100	39750	42400	45050	47650	50200	52600	57150	62800	67100	70000	71850	72900	73400	73650	73750	67150
Upper Quartile	30450	32350	34300	36300	38350	40400	42500	44550	46550	50350	55350	59150	61800	63450	64350	64800	65000	65100	57300
Median	29200	30650	32200	33800	35450	37100	38750	40400	42000	45050	48950	51900	53850	55050	55700	56000	56150	56200	46800
Lower Quartile	27900	28950	30050	31300	32550	33850	35150	36400	37700	40050	43000	45200	46600	47450	47850	48050	48150	48150	37100
Lower Decile	26800	27850	28950	30200	31450	32750	34050	35250	36200	37350	38000	38200	38200	38200	38250	38250	38250	38250	31550
Mean	29500	31100	32700	34400	36100	37800	39550	41200	42850	45900	49800	52700	54600	55750	56400	56700	56800	56850	48350
Raw (Unsmoothed) Statistics																			
Upper Decile	31800	33550	35950	44950	41800	44150	49200	50600	53100	56200	59500	66600	69100	71850	73350	76850	76150	74350	67150
Upper Quartile	30750	31850	33800	37400	38400	40800	42700	45400	46550	49450	53900	59000	62250	64600	65250	66900	66450	63850	57300
Median	29250	30100	32250	34400	35800	37700	39050	40700	41350	44150	47700	51800	54900	57000	57150	57750	58000	54050	46800
Lower Quartile	27600	28600	30250	31350	32700	34650	36300	36650	36900	38700	41900	44700	47750	49400	49350	50700	50800	45500	37100
Lower Decile	25300	27050	28250	29000	30000	30750	33450	33250	33750	35800	35050	37950	40550	43850	39400	39850	43950	36700	31550
Mean	29200	30600	32850	35550	35850	38200	40300	41500	42650	45100	48000	52250	55150	57400	57400	58900	59050	55300	48350
Supporting Data																			
Total Number	152	384	392	381	449	490	470	360	416	874	934	746	711	678	685	583	684	1353	10735
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	1	5
Less Than $22000	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	3

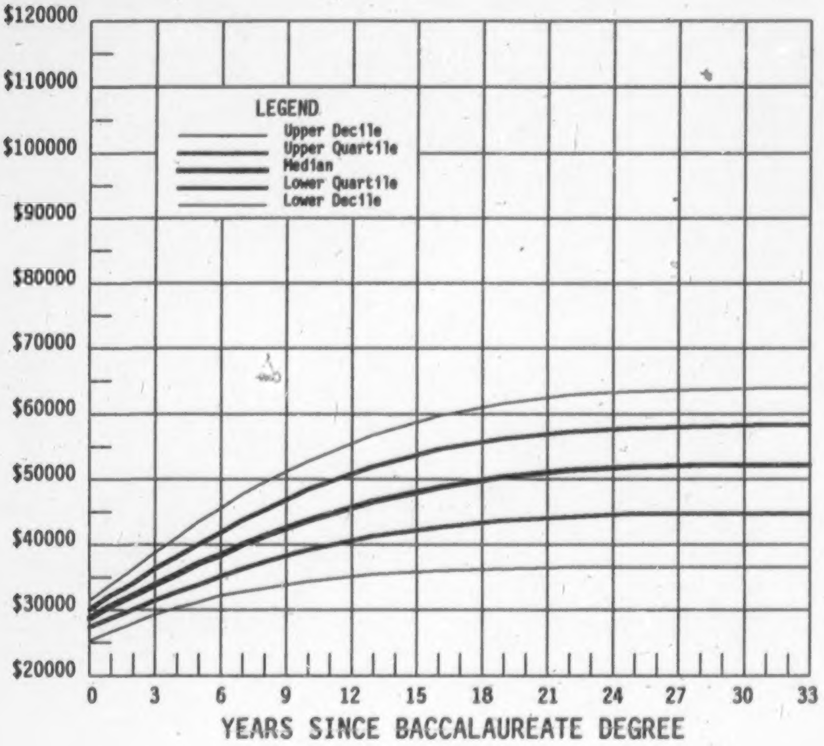
SALARY CURVES FOR ENGINEERS IN SOUTH ATLANTIC STATES
SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: SOUTH ATLANTIC STATES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	62600	63500	64400	65300	66200	68000	70650	73200	75650	77900	79900	81650	83100	85200	79200
Upper Quartile	0	0	0	0	53650	54600	55600	56600	57600	59550	62450	65200	67800	70150	72100	73650	74750	75000	69700
Median	0	0	0	0	46550	47550	48550	49550	50550	52550	55500	58300	60900	63150	64950	66250	66900	65600	61450
Lower Quartile	0	0	0	0	38250	39300	40400	41550	42650	44900	48250	51450	54250	56500	58050	58700	58500	53750	52050
Lower Decile	0	0	0	0	33300	34200	35100	36050	36950	38800	41600	44250	46650	48700	50200	51050	51250	48350	44000
Mean	0	0	0	0	47200	48200	49150	50150	51100	53100	55950	58650	61150	63300	65050	66300	66950	65750	61350
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	55550	68400	70000	62300	68100	67100	69050	74500	75700	78300	80300	81550	83950	82650	79200
Upper Quartile	0	0	0	0	43600	53750	58250	56750	59850	59000	61350	67600	67950	70650	71150	74100	74300	73250	69700
Median	0	0	0	0	38750	47500	51350	50250	49700	52300	54600	59800	61950	64050	63950	66150	66300	64150	61450
Lower Quartile	0	0	0	0	32500	34900	44550	39250	44100	45500	47400	52450	56050	57450	55400	58900	59100	52350	52050
Lower Decile	0	0	0	0	30300	32900	34350	32850	37900	38400	44100	43900	47050	50150	48200	50050	52100	47200	44000
Mean	0	0	0	0	41600	47650	51950	48650	51400	53100	55250	59700	61900	63850	63900	66900	67050	64000	61350
Supporting Data																			
Total Number	1	1	11	41	13	19	35	37	49	160	233	258	261	297	321	261	305	457	2769
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	1	5
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

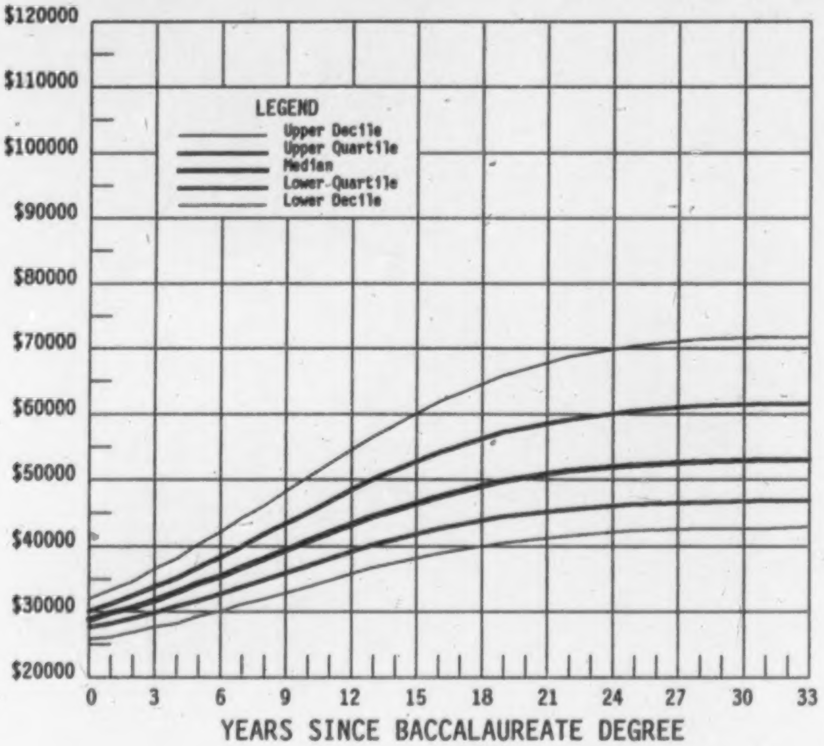
SALARY CURVES FOR ENGINEERS IN SOUTH ATLANTIC STATES NON-SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: SOUTH ATLANTIC STATES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	31450	33900	36350	38750	41100	43400	45550	47600	49500	52900	56900	59750	61650	62850	63500	63850	64000	64100	58550
Upper Quartile	30150	32200	34200	36200	38200	40100	41950	43700	45350	48400	52000	54600	56300	57300	57900	58150	58300	58300	51650
Median	28900	30600	32250	33850	35450	37000	38500	39900	41250	43700	46700	48900	50450	51400	51950	52250	52350	52450	42500
Lower Quartile	27450	28850	30200	31500	32750	34000	35150	36250	37300	39100	41250	42800	43800	44350	44700	44850	44900	44950	35150
Lower Decile	25350	26800	28100	29300	30350	31300	32150	32850	33450	34450	35450	36000	36350	36500	36550	36600	36600	36600	30600
Mean	29100	30850	32550	34200	35800	37350	38850	40250	41550	43900	46700	48700	50050	50850	51300	51550	51650	51700	43850
Raw (Unsmoothed) Statistics																			
Upper Decile	31750	33550	35800	39550	41500	43650	45700	48350	49750	52100	55550	59100	62850	63250	63550	64000	63450	65350	58550
Upper Quartile	30750	31850	33750	36550	38250	40650	41900	44500	45550	47550	51500	54450	56950	58150	58750	58500	58550	58100	51650
Median	29200	30100	32250	33950	35800	37650	38800	40350	40550	42900	46050	48900	51450	52200	53550	53100	53600	51350	42500
Lower Quartile	27600	28600	30250	31150	32700	34650	36250	36550	36600	38100	40550	42750	45850	47200	45250	47400	47500	42150	35150
Lower Decile	25300	27050	28250	28800	29950	30600	33350	33300	33400	35300	33500	36700	38900	41850	33700	33500	40600	35200	30600
Mean	29200	30600	32500	34450	35700	37800	39350	40700	41550	43250	45650	48350	51250	52600	51700	52400	52700	50950	43850
Supporting Data																			
Total Number	151	383	380	338	436	471	431	322	367	713	702	487	447	382	366	320	380	895	7965
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	3

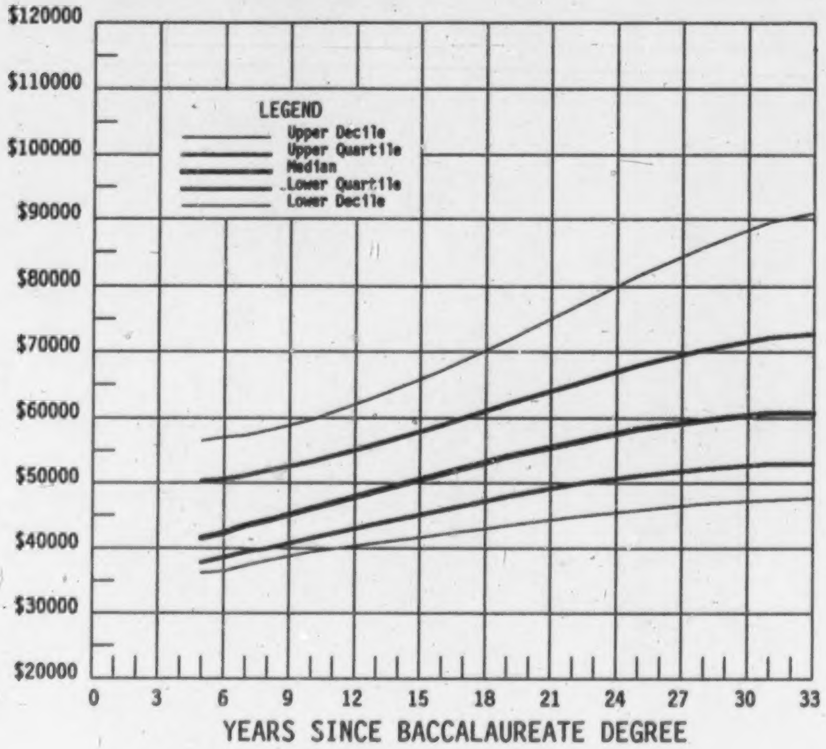
SALARY CURVES FOR ENGINEERS IN EAST SOUTH CENTRAL STATES
ALL ENGINEERS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: EAST SOUTH CENTRAL STATES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	31900	33250	34800	36450	38250	40150	42100	44150	46250	50500	56600	61850	65950	68750	70450	71400	71800	72000	63250
Upper Quartile	30150	31250	32500	33850	35300	36850	38450	40100	41800	45200	50000	54100	57200	59300	60600	61300	61600	61750	53350
Median	28900	29800	30800	31850	33050	34300	35550	36900	38200	40850	44500	47550	49850	51350	52250	52750	53000	53100	44800
Lower Quartile	27650	28250	29050	29900	30850	31850	32900	33950	35050	37200	40150	42600	44450	45650	46350	46750	46950	47000	37250
Lower Decile	25750	26250	26850	27600	28400	29300	30200	31150	32100	34000	36700	38900	40550	41600	42300	42650	42800	42850	31500
Mean	29100	29900	30850	32000	33200	34500	35900	37300	38800	41750	46000	49600	52400	54250	55400	56050	56300	56450	46900
Raw (Unsmoothed) Statistics																			
Upper Decile	31800	31750	36300	34800	37900	42400	42200	44100	45200	51500	55850	62000	60300	67100	73450	71150	83550	71750	63250
Upper Quartile	29800	30850	32900	33000	35600	37950	39400	40200	41300	45350	49000	53700	54950	59400	62000	60350	69850	60900	53350
Median	28800	29450	31100	30850	33350	34850	36750	37250	37950	41150	43200	47450	48800	52400	51700	52800	55400	53450	44800
Lower Quartile	27500	28200	29350	28550	31650	31700	34250	34450	35200	37450	38950	42050	44150	46150	46150	48100	48100	46750	37250
Lower Decile	25800	25750	27850	25100	30000	29150	31200	30950	32850	34100	36050	38250	40650	42300	41650	44400	41950	42800	31500
Mean	28950	29250	31350	30600	33750	35650	36850	37600	38700	41900	44950	49000	50050	53900	55850	56550	61350	57100	46900
Supporting Data																			
Total Number	113	88	218	180	192	218	197	245	196	560	703	566	562	436	444	427	317	622	6286
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	6	5	15	28
Less Than $22000	0	0	5	0	0	0	0	0	0	0	0	1	0	0	5	0	0	0	10

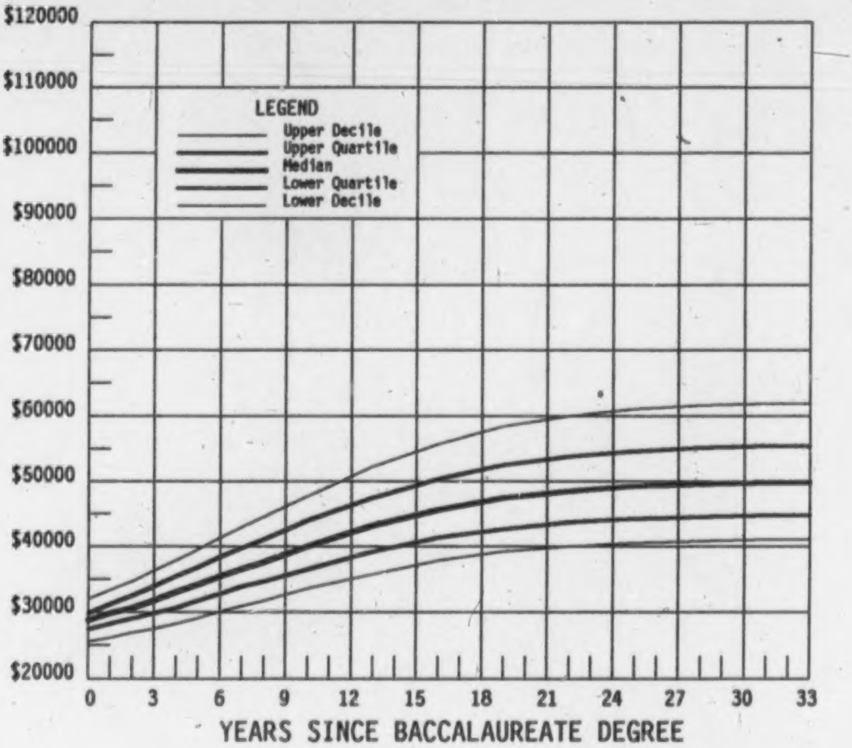
SALARY CURVES FOR ENGINEERS IN EAST SOUTH CENTRAL STATES
SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: EAST SOUTH CENTRAL STATES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	56550	56950	57450	58150	59800	63150	67250	71850	76750	81550	86000	89650	94700	79300
Upper Quartile	0	0	0	0	0	50400	50800	51300	51900	53350	56000	58950	62100	65200	68000	70350	72200	74400	65350
Median	0	0	0	0	0	41550	42450	43350	44300	46150	48900	51600	54150	56400	58350	59850	60800	60500	54750
Lower Quartile	0	0	0	0	0	37850	38600	39350	40100	41650	43850	46000	48000	49750	51250	52350	53050	52700	47400
Lower Decile	0	0	0	0	0	36350	36450	37250	38000	39550	40750	42100	43500	44850	45950	46850	47500	48200	42350
Mean	0	0	0	0	0	46250	46500	46850	47300	48450	50650	53250	56100	59050	61850	64350	66400	69100	58650
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	52400	0	49650	57350	67750	63950	69350	64550	75000	94250	80850	99100	93000	79300
Upper Quartile	0	0	0	0	0	51500	0	47300	51500	54600	57100	61400	57050	65850	71750	66950	81950	72600	65350
Median	0	0	0	0	0	50000	0	41000	43500	48500	48200	51950	51550	57850	62400	54700	66550	61800	54750
Lower Quartile	0	0	0	0	0	40250	0	38550	41000	44200	42600	46100	46250	52250	52000	50350	55000	54250	47400
Lower Decile	0	0	0	0	0	38000	0	37050	39200	41500	39950	42700	42800	44300	47800	46200	48100	48950	42350
Mean	0	0	0	0	0	46550	0	43000	46300	51050	50850	54750	52750	59500	65250	61150	71200	69650	58650
Supporting Data																			
Total Number	0	0	10	16	3	10	8	26	20	82	181	210	248	175	193	210	161	194	1742
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	6	5	15	25
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	5

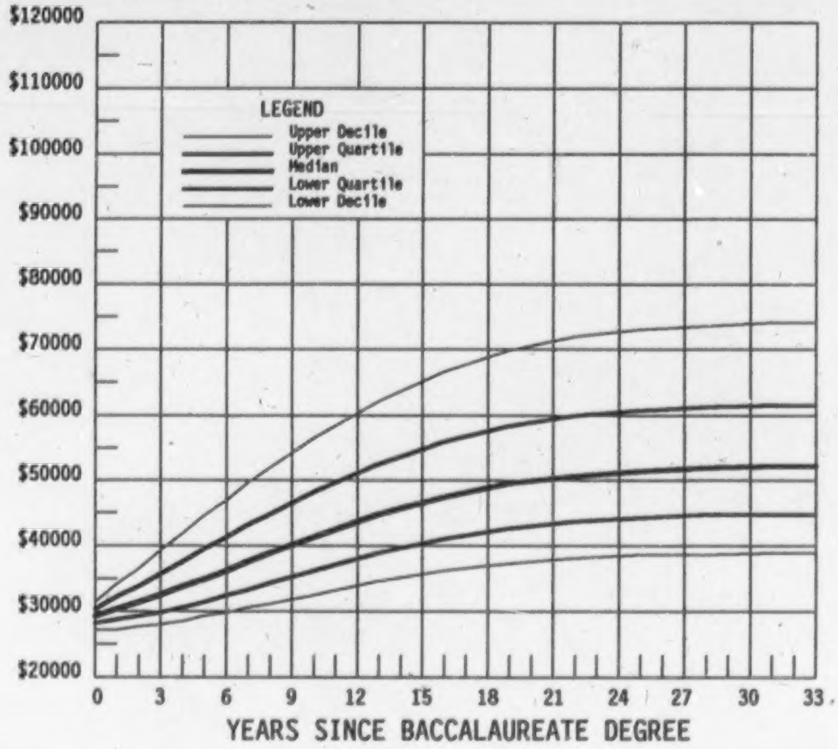
SALARY CURVES FOR ENGINEERS IN EAST SOUTH CENTRAL STATES
NON-SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: EAST SOUTH CENTRAL STATES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	31950	33350	34800	36350	37950	39600	41250	42950	44600	47850	52200	55750	58400	60100	61150	61700	61950	62050	55250
Upper Quartile	29900	31200	32550	33950	35350	36800	38300	39750	41150	43900	47550	50450	52550	53900	54750	55150	55350	55450	48600
Median	28800	29750	30750	31850	33000	34150	35350	36500	37700	40000	43100	45550	47350	48550	49250	49600	49800	49900	41300
Lower Quartile	27500	28200	29000	29900	30800	31750	32750	33750	34700	36650	39200	41250	42750	43750	44350	44650	44800	44850	35100
Lower Decile	25700	26200	26850	27550	28350	29150	30050	30900	31800	33500	35850	37750	39100	40050	40600	40850	41000	41050	30400
Mean	28850	29800	30900	32000	33150	34400	35600	36850	38050	40450	43650	46250	48150	49400	50150	50500	50700	50800	42350
Raw (Unsmoothed) Statistics																			
Upper Decile	31800	31750	36450	35000	37750	40800	41700	43200	43650	47950	51400	55250	57750	60950	58550	62800	65350	62700	55250
Upper Quartile	29800	30850	32900	33050	35550	37550	39100	39750	40500	43850	46950	49950	52750	54300	52950	57050	55650	55750	48600
Median	28800	29450	31000	30800	33300	34600	36600	36750	37350	40200	42000	44800	46600	49550	47800	51450	50350	50600	41300
Lower Quartile	27500	28200	29250	28400	31600	31500	34100	34150	34950	36900	38000	40300	42600	45100	44050	46200	44000	45100	35100
Lower Decile	25800	25750	27750	24950	29950	29100	31100	30700	32450	33450	35200	37050	39100	40900	39850	41700	39450	41850	30400
Mean	28950	29250	31300	30550	33650	35150	36550	37000	37850	40400	42900	45550	47850	50100	48750	51900	51300	51350	42350
Supporting Data																			
Total Number	113	88	209	164	188	209	188	220	176	480	521	356	313	284	250	218	156	428	4544
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	5	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	6

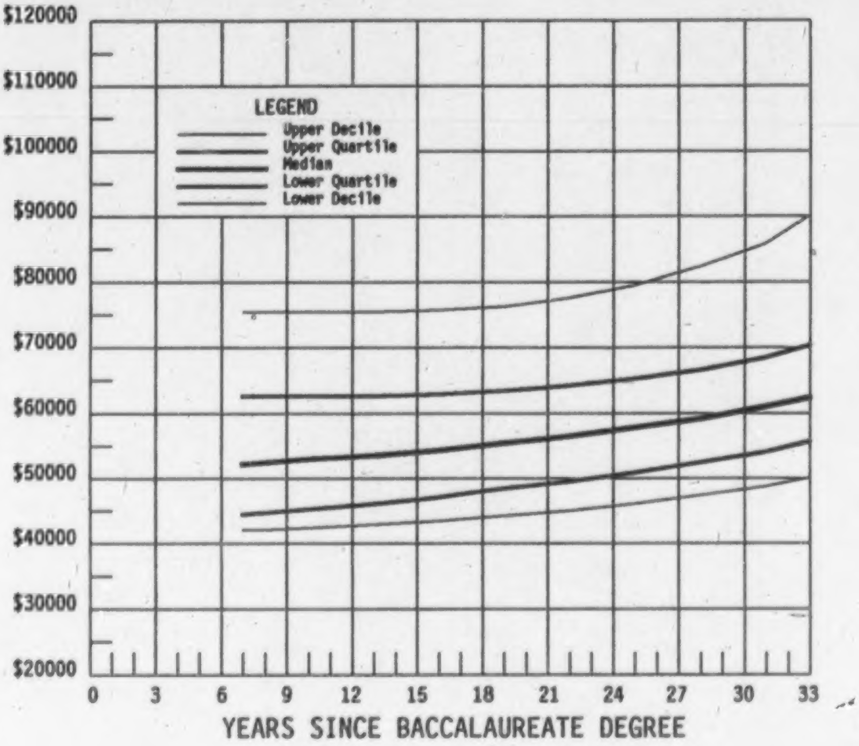
SALARY CURVES FOR ENGINEERS IN WEST SOUTH CENTRAL STATES
ALL ENGINEERS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: WEST SOUTH CENTRAL STATES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	31600	34100	36650	39250	41850	44450	47000	49500	51900	56450	62250	66700	69850	71900	73100	73700	74000	74150	61400
Upper Quartile	30500	32200	34000	35800	37650	39500	41300	43100	44850	48150	52500	55900	58350	59950	60900	61400	61650	61750	50550
Median	29400	30400	31450	32600	33800	35050	36300	37600	38900	41400	44750	47500	49500	50800	51600	52000	52200	52300	40150
Lower Quartile	28300	28700	29300	29950	30750	31600	32500	33400	34350	36250	38850	41050	42650	43700	44350	44700	44850	44900	32600
Lower Decile	27100	27300	27650	28100	28650	29250	29900	30600	31300	32650	34600	36150	37300	38050	38550	38750	38900	38950	29500
Mean	29400	30600	31950	33300	34700	36150	37650	39100	40550	43400	47150	50200	52450	53900	54800	55250	55450	55600	43650
Raw (Unsmoothed) Statistics																			
Upper Decile	32350	33500	36650	38000	40300	44250	49350	50800	52850	59200	60200	66450	67650	69300	77000	75500	71150	74600	61400
Upper Quartile	31100	31800	33650	35250	36650	39150	42950	44200	45150	49450	51550	55600	56900	60600	62400	61600	59550	61300	50550
Median	29450	30550	31500	31950	33400	34950	37400	37600	38850	42000	44300	47250	49250	50550	51900	52200	52100	51250	40150
Lower Quartile	28000	28950	29500	29850	30750	31350	33550	33450	34400	36000	38150	39850	43600	44100	44200	45450	45350	43950	32600
Lower Decile	26500	27650	28100	28350	28800	29450	30400	30250	30750	32050	34200	35650	37500	38700	39100	40450	38300	37950	29500
Mean	29500	30600	32000	32900	34100	35950	38850	39350	40700	44200	46450	49600	51550	53100	55500	56150	54850	55700	43650
Supporting Data																			
Total Number	546	480	533	466	442	489	418	429	327	753	878	617	539	504	415	393	488	563	9294
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	4	3	13	23
Less Than $22000	0	0	5	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	7

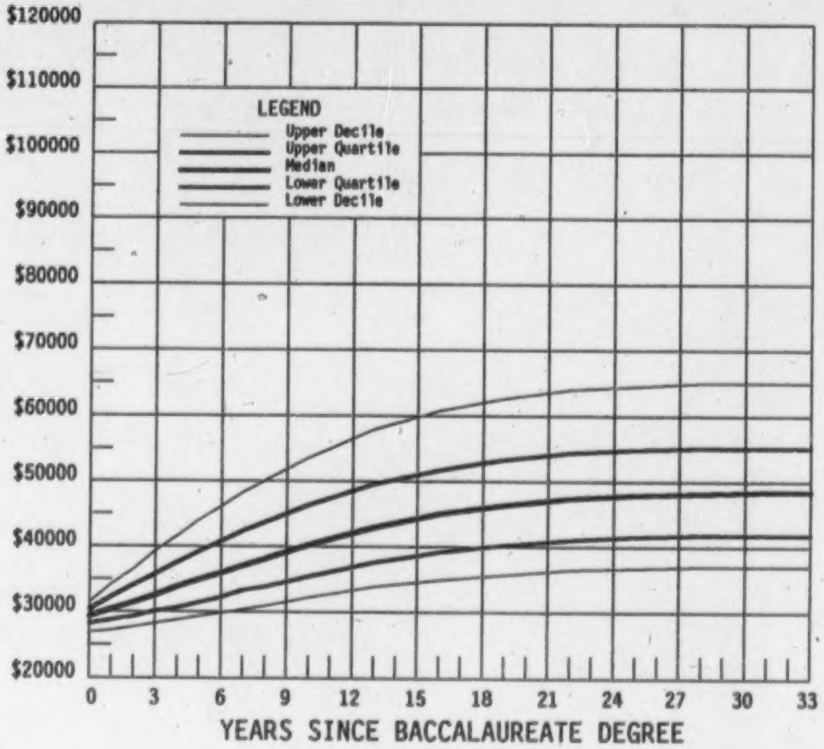
SALARY CURVES FOR ENGINEERS IN WEST SOUTH CENTRAL STATES SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: WEST SOUTH CENTRAL STATES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	75550	75550	75550	75550	75650	76350	77600	79550	82300	86000	102500	80400
Upper Quartile	0	0	0	0	0	0	0	62700	62700	62700	62700	62900	63400	64200	65300	66750	68650	76050	66050
Median	0	0	0	0	0	0	0	52400	52550	52950	53650	54450	55400	56500	57800	59250	60950	66700	57250
Lower Quartile	0	0	0	0	0	0	0	44550	44800	45350	46250	47300	48400	49650	51000	52550	54250	59950	49900
Lower Decile	0	0	0	0	0	0	0	42100	42200	42450	42900	43500	44200	45100	46150	47400	48850	54100	44550
Mean	0	0	0	0	0	0	0	56300	56300	56350	56700	57350	58250	59450	61000	62950	65400	75050	60900
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	64800	69400	78700	78550	79350	70400	73400	92250	82000	84100	94500	80400
Upper Quartile	0	0	0	0	0	0	0	54500	57000	68450	61200	63100	61900	66150	69000	66400	66900	70200	66050
Median	0	0	0	0	0	0	0	49400	49500	54050	52600	55200	54500	59350	61600	57300	58800	62100	57250
Lower Quartile	0	0	0	0	0	0	0	46500	43800	47750	43450	47100	47700	53350	54350	50600	53500	55100	49900
Lower Decile	0	0	0	0	0	0	0	40700	41200	44950	40350	44100	44850	44600	50550	46450	47750	49850	44550
Mean	0	0	0	0	0	0	0	51500	51800	58700	55950	58600	56800	60100	65250	62250	63600	69600	60900
Supporting Data																			
Total Number	0	0	6	2	6	2	7	18	23	93	161	158	184	166	161	170	177	174	1520
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	4	2	13	21
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

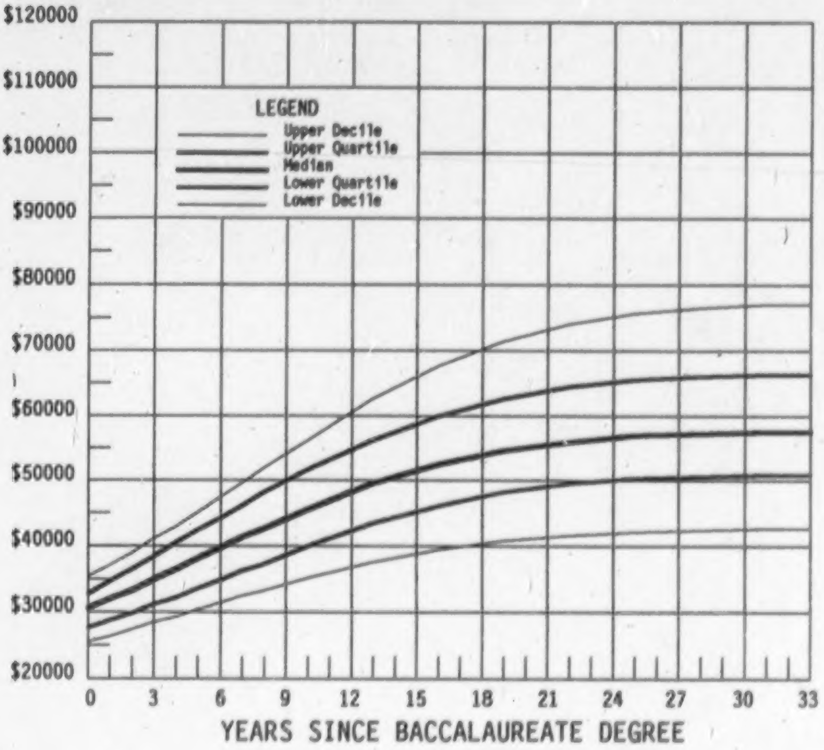
SALARY CURVES FOR ENGINEERS IN WEST SOUTH CENTRAL STATES
NON-SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: WEST SOUTH CENTRAL STATES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	31600	34100	36650	39150	41550	43900	46150	48250	50200	53700	57850	60800	62700	63900	64600	64950	65100	65200	54300
Upper Quartile	30450	32250	34050	35800	37550	39200	40800	42350	43750	46350	49500	51750	53350	54300	54850	55150	53300	55350	46200
Median	29350	30400	31500	32600	33750	34900	36050	37150	38250	40300	42950	45050	46500	47500	48050	48350	48500	48550	37400
Lower Quartile	28150	28700	29350	30050	30800	31600	32400	33200	34000	35500	37550	39150	40350	41100	41550	41800	41900	41950	31700
Lower Decile	27000	27300	27700	28200	28700	29300	29850	30450	31050	32200	33750	34950	35850	36400	36750	36950	37000	37050	29100
Mean	29350	30650	31950	33300	34600	35900	37200	38450	39650	41900	44750	46900	48450	49400	50000	50300	50450	50500	40250
Raw (Unsmoothed) Statistics																			
Upper Decile	32350	33500	36300	38000	40300	44300	48800	49500	50550	55050	55800	59750	65750	65300	62000	67400	61500	64050	54300
Upper Quartile	31100	31800	33600	35250	36650	39100	42550	43000	43850	47100	49150	52000	54100	53800	52600	55900	54700	53550	46200
Median	29450	30550	31450	31950	33450	34950	37250	37250	38050	40200	43200	44450	46950	46900	46900	48500	48300	47950	37400
Lower Quartile	28000	28950	29450	29850	30750	31350	33450	33150	34100	35250	37300	38150	40400	41650	41300	42250	41850	41450	31700
Lower Decile	26500	27650	28100	28350	28750	29500	30350	30200	30550	31550	33550	34450	36400	37050	36900	38050	36400	36300	29100
Mean	29500	30600	31850	32900	34100	35950	38550	38650	39700	41950	44250	46400	48950	49450	48750	51250	50250	49450	40250
Supporting Data																			
Total Number	546	480	527	465	436	486	410	408	303	655	717	459	355	338	250	222	315	389	7774
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
Less Than $22000	0	0	5	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	7

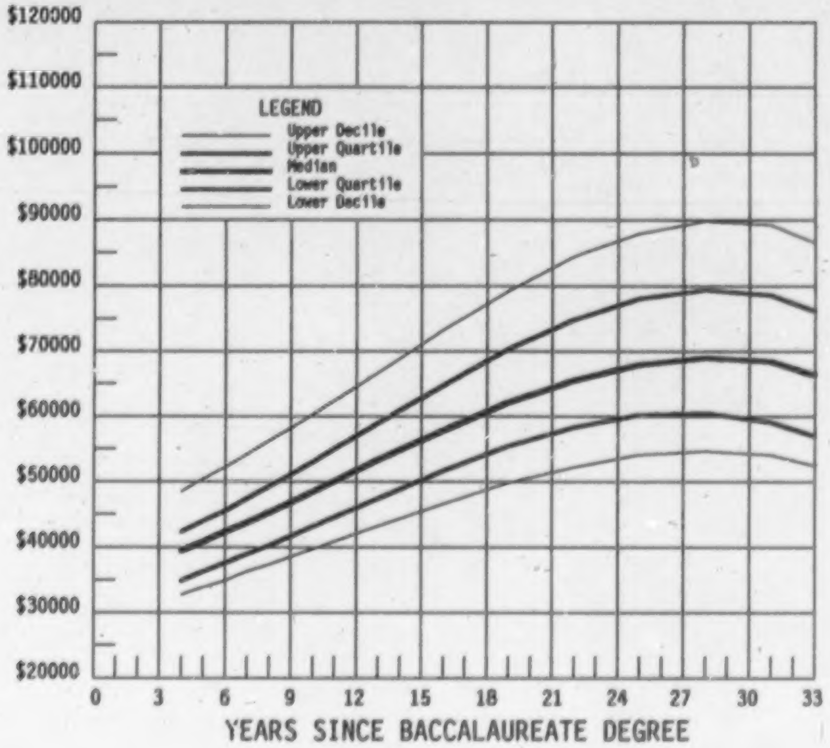
SALARY CURVES FOR ENGINEERS IN MOUNTAIN STATES
ALL ENGINEERS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: MOUNTAIN STATES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	35400	37150	39000	41000	43050	45200	47400	49650	51900	56350	62550	67700	71600	74200	75800	76650	77050	77250	69000
Upper Quartile	32900	34700	36600	38500	40450	42400	44350	46250	48150	51700	56400	60050	62750	64450	65500	66050	66300	66400	57650
Median	30550	32000	33450	35000	36550	38100	39650	41200	42750	45650	49500	52500	54700	56100	56950	57400	57650	57750	48600
Lower Quartile	27800	28800	29950	31100	32350	33600	34900	36150	37450	40000	43400	46150	48200	49500	50350	50750	50950	51050	39900
Lower Decile	25550	26500	27450	28450	29450	30450	31500	32450	33450	35250	37650	39500	40800	41650	42150	42400	42550	42600	33050
Mean	30700	32050	33500	35000	36550	38100	39700	41300	42900	45950	50100	53450	55900	57500	58450	59000	59200	59350	50000
Raw (Unsmoothed) Statistics																			
Upper Decile	32700	36800	40350	41000	44450	46600	49450	50900	51250	54250	58000	74150	70850	73650	77000	82000	77450	72800	69000
Upper Quartile	30200	33500	37950	39450	41750	43700	46850	47300	47400	50750	52100	60650	62300	65400	66600	69700	73300	63700	57650
Median	28800	31550	33750	35800	37550	38400	41700	40750	43300	45300	46100	53200	55200	57150	58350	59150	61350	54900	48600
Lower Quartile	26400	29000	30800	32050	30400	33500	36600	36500	39050	39450	41750	45200	50200	50350	51600	51900	52900	48050	39900
Lower Decile	24300	25800	27650	29150	28800	32250	31750	33450	36650	34150	33850	39100	44300	43350	41900	47250	44600	38250	33050
Mean	28850	31500	34200	35700	36950	39000	41300	41550	43650	45100	46800	54250	56550	58100	60000	61650	62650	56050	50000
Supporting Data																			
Total Number	53	82	133	150	151	166	132	164	248	492	526	487	374	320	327	348	178	360	4695
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	2
Less Than $22000	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

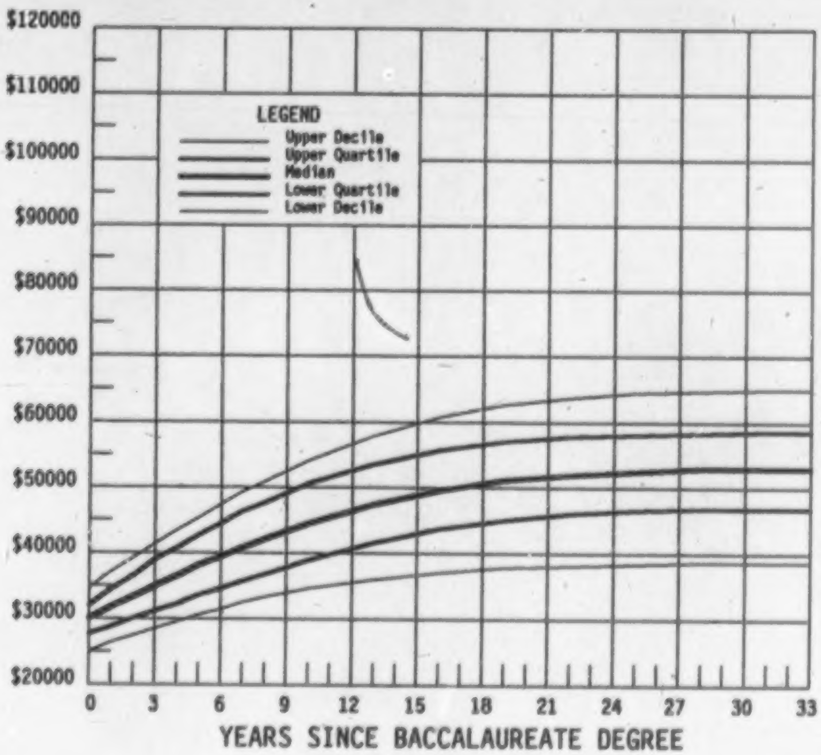
SALARY CURVES FOR ENGINEERS IN MOUNTAIN STATES
SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: MOUNTAIN STATES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	48600	50450	52300	54250	56250	60350	66800	73250	79300	84450	88100	89850	89400	78900	81600
Upper Quartile	0	0	0	0	42300	43950	45650	47400	49250	53000	58900	64850	70400	75050	78250	79550	78800	68200	71900
Median	0	0	0	0	39450	40900	42350	43800	45300	48450	53200	57900	62150	65700	68050	69000	68400	60350	59700
Lower Quartile	0	0	0	0	34850	36150	37500	38900	40300	43150	47550	51800	55550	58500	60200	60450	59200	50400	50250
Lower Decile	0	0	0	0	32800	33900	35000	36150	37350	39700	43300	46800	49900	52400	54050	54650	54100	48050	44000
Mean	0	0	0	0	39750	41200	42750	44300	45900	49150	54200	59200	63750	67500	70000	70900	70150	61250	61250
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	48350	69200	0	52800	49700	63050	64700	82500	76300	84700	84650	88100	88000	86350	81600
Upper Quartile	0	0	0	0	43450	48500	0	50750	46250	52850	56400	74950	65650	75600	75050	82100	75650	74000	71900
Median	0	0	0	0	41400	44000	0	44500	44500	51000	48750	64650	56900	68750	65700	71700	73200	63000	59700
Lower Quartile	0	0	0	0	33500	41400	0	38750	39900	47300	44350	53400	51350	61250	58350	63100	68200	51650	50250
Lower Decile	0	0	0	0	29100	38600	0	35550	38700	41400	41950	47750	45750	53250	55900	55500	59400	49650	44000
Mean	0	0	0	0	39500	47050	0	44850	44550	51050	51000	64650	59400	69250	68450	72500	73150	64650	61250
Supporting Data																			
Total Number	0	1	2	6	11	14	6	23	73	97	144	170	204	104	138	133	74	114	1309
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	2
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

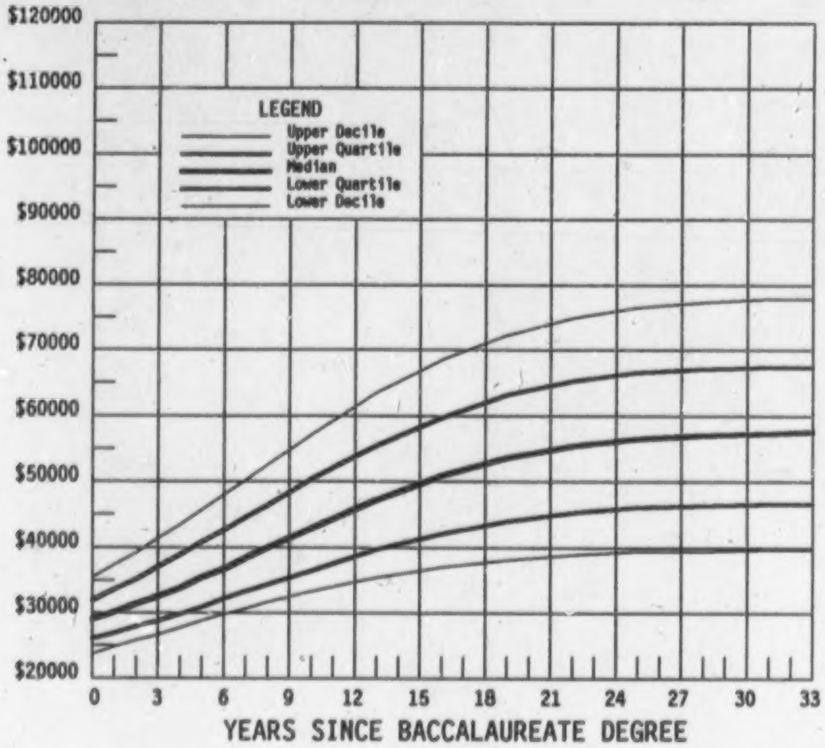
SALARY CURVES FOR ENGINEERS IN MOUNTAIN STATES
NON-SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: MOUNTAIN STATES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34700	36950	39150	41300	43400	45450	47400	49250	51000	54150	58000	60750	62600	63800	64500	64850	65000	65050	59400
Upper Quartile	32050	34350	36600	38800	40850	42800	44650	46300	47850	50550	53600	55650	56950	57800	58250	58450	58600	58650	53000
Median	30250	31850	33450	35000	36550	38050	39450	40850	42150	44550	47450	49650	51150	52100	52650	52950	53050	53150	45100
Lower Quartile	27750	28850	30000	31150	32350	33500	34650	35800	36900	38950	41600	43650	45100	46050	46600	46900	47050	47100	37700
Lower Decile	25050	26300	27500	28600	29700	30700	31600	32450	33250	34600	36100	37150	37850	38250	38500	38650	38700	38700	31950
Mean	30300	31950	33550	35150	36650	38150	39600	40950	42250	44550	47400	49500	50950	51800	52350	52600	52750	52800	45650
Raw (Unsmoothed) Statistics																			
Upper Decile	32700	36800	40400	40950	44050	46300	49500	50200	51450	53100	55250	59250	63050	63900	65850	66300	71200	67350	59400
Upper Quartile	30200	33500	38000	39450	41500	43150	46750	46800	48400	49000	50900	55050	58550	59000	60250	60100	60800	59250	53000
Median	28800	31550	33800	35950	37150	37750	41550	40200	42850	43900	45300	48700	53950	53050	53900	54050	54800	53500	45100
Lower Quartile	26400	29000	30800	32300	30150	33350	38700	36250	37950	38700	39700	42750	47800	47650	47150	50350	48350	44950	37700
Lower Decile	24300	25800	27800	29300	28800	32150	31600	32650	36300	33450	33200	38050	41200	40000	39850	44100	41150	33800	31950
Mean	28850	31500	34250	35800	36800	38350	41250	41000	43350	43700	45100	48700	52850	52850	53800	54800	55050	52400	45650
Supporting Data																			
Total Number	53	82	132	145	139	152	128	140	174	400	383	317	171	217	191	214	104	249	3383
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

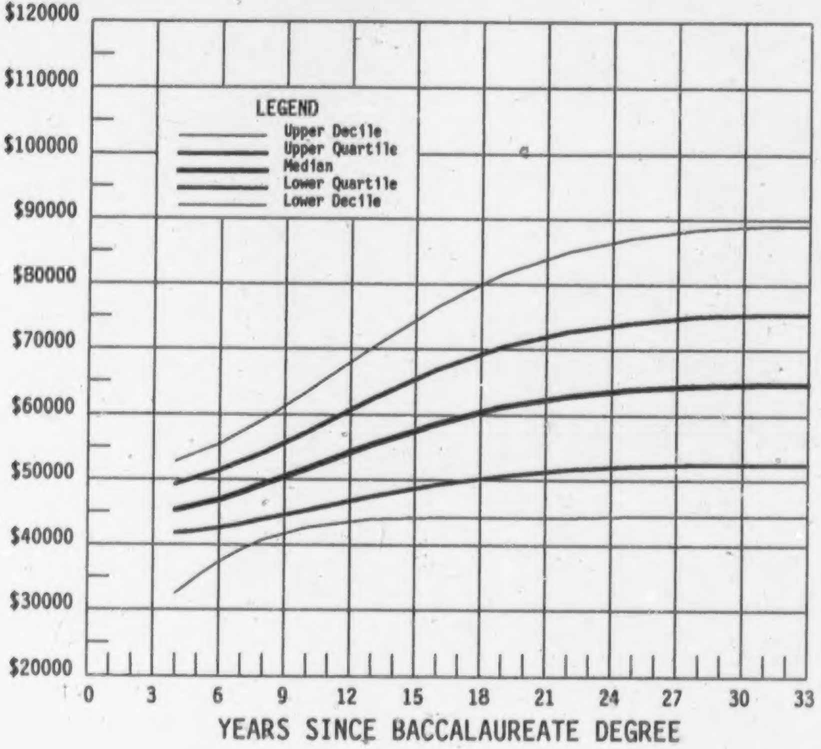
SALARY CURVES FOR ENGINEERS IN PACIFIC STATES
ALL ENGINEERS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: PACIFIC STATES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	35350	37250	39250	41300	43450	45700	47950	50250	52600	57100	63350	68550	72400	75000	76600	77450	77800	78000	70050
Upper Quartile	32050	33600	35250	37000	38850	40700	42600	44550	46500	50300	55550	59850	63100	65250	66550	67250	67550	67700	58850
Median	29150	30200	31350	32600	33950	35350	36850	38350	39900	42950	47250	50900	53600	55450	56550	57150	57450	57600	46450
Lower Quartile	26200	27000	27900	28900	29950	31000	32150	33300	34400	36650	39700	42200	44050	45300	46050	46450	46600	46700	37250
Lower Decile	23650	24700	25750	26800	27850	28850	29850	30800	31700	33400	35500	37100	38200	38950	39350	39550	39650	39700	31400
Mean	29600	30800	32100	33500	34950	36450	38000	39600	41200	44350	48700	52350	55050	56850	57950	58500	58800	58900	49400
Raw (Unsmoothed) Statistics																			
Upper Decile	33500	37850	41150	39600	43550	46550	49700	52000	52500	57050	61000	65300	70200	75400	78250	79050	80650	79900	70050
Upper Quartile	31400	33500	35700	35550	40100	41550	45000	45850	46300	49750	54050	56300	62500	65750	67200	68750	69450	69300	58850
Median	29100	30750	31150	29900	35550	36550	39500	39100	39450	43400	46700	46350	53100	56500	58200	58350	59200	59600	46450
Lower Quartile	26600	28050	26500	27300	31350	30450	35300	34500	33850	37800	40050	37750	43200	45200	43950	48950	47550	49850	37250
Lower Decile	22650	26750	24800	26150	28650	28650	30600	31200	31050	34300	35350	36150	36350	37400	39100	41150	38000	42650	31400
Mean	28800	31450	32250	31850	35950	37000	40300	40650	40800	44650	47800	48800	53550	56800	57600	60100	60650	61650	49400
Supporting Data																			
Total Number	253	342	470	478	380	621	491	513	536	1224	1468	1409	1173	1218	1247	1108	766	1533	15243
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	8	4	23	41
Less Than $22000	24	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29

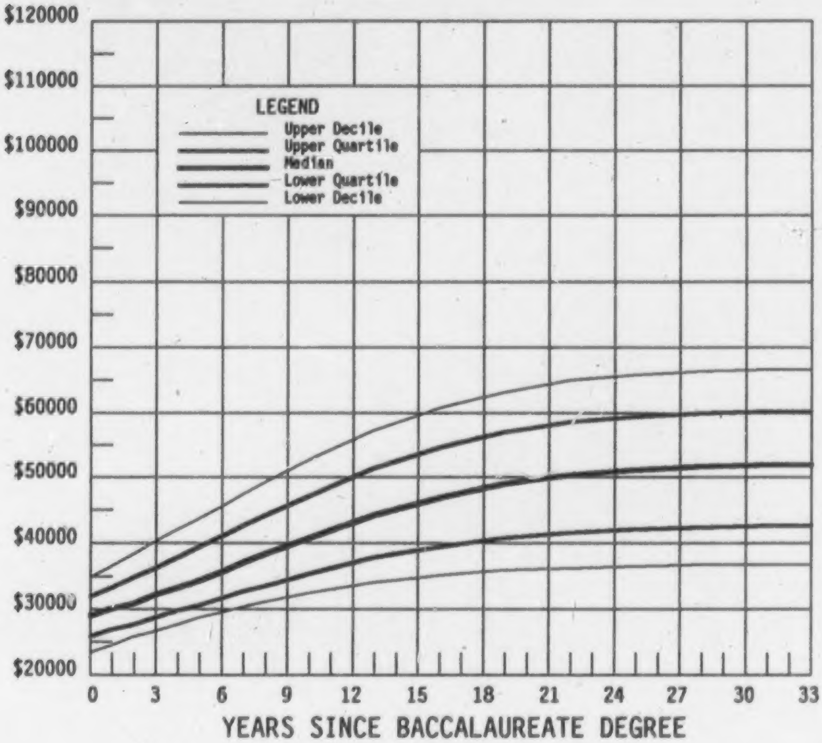
SALARY CURVES FOR ENGINEERS IN PACIFIC STATES
SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: PACIFIC STATES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	52850	54050	55550	57300	59250	63500	70250	76450	81500	85050	87250	88450	89000	89300	82450
Upper Quartile	0	0	0	0	49450	50350	51450	52750	54250	57450	62350	66850	70350	72750	74250	75100	75450	75650	70500
Median	0	0	0	0	45300	46050	47000	48050	49250	51750	55450	58750	61250	63000	64000	64600	64850	64950	59700
Lower Quartile	0	0	0	0	41900	42200	42650	43250	43900	45350	47500	49300	50700	51650	52200	52500	52650	52700	49700
Lower Decile	0	0	0	0	32450	34900	37250	39200	40750	42750	44000	44300	44350	44350	44400	44400	44400	44400	43000
Mean	0	0	0	0	46400	46750	47400	48300	49400	51850	55850	59500	62400	64450	65700	66350	66650	66800	62100
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	48800	52100	55050	59900	59250	65950	69900	75200	77650	83250	86650	87000	94600	93550	82450
Upper Quartile	0	0	0	0	45900	49250	51000	54750	55050	58650	62000	66050	67850	72850	73500	75150	78250	77050	70500
Median	0	0	0	0	41000	46150	47350	49550	50600	51750	54850	58150	61250	63800	62750	63950	66500	65800	59700
Lower Quartile	0	0	0	0	38750	41750	44000	43800	44650	44600	48050	48150	51950	54100	46600	51150	55700	56350	49700
Lower Decile	0	0	0	0	29800	37450	39550	38500	42050	39900	42100	41700	44650	44750	42150	46250	46000	48100	43000
Mean	0	0	0	0	41900	46000	47900	49600	50500	52400	55800	58600	61200	64650	63200	65500	69350	69900	62100
Supporting Data																			
Total Number	1	6	29	2	18	32	76	82	100	286	439	435	503	567	645	579	347	659	4806
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	8	4	23	41
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN PACIFIC STATES
NON-SUPERVISORS, ALL DEGREE LEVELS

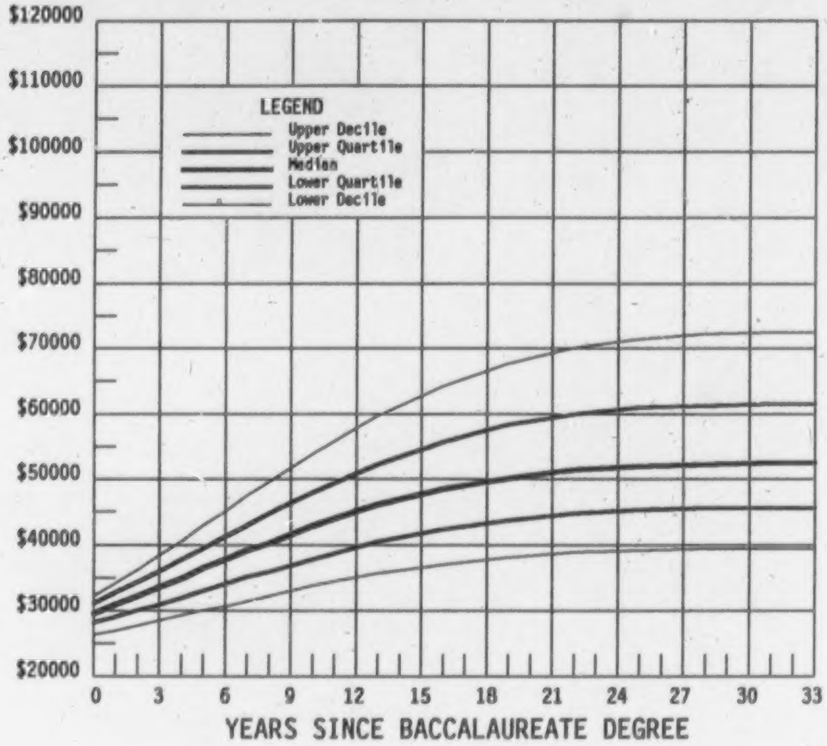


ENGINEERING SALARY STATISTICS: PACIFIC STATES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34950	36650	38400	40200	42000	43850	45700	47500	49300	52700	57200	60700	63300	64950	65950	66500	66700	66850	60700
Upper Quartile	32000	33400	34850	36350	37950	39500	41100	42700	44300	47300	51400	54600	57000	58550	59450	59950	60150	60300	51350
Median	29200	30050	31050	32150	33300	34500	35750	37000	38300	40750	44200	47000	49100	50450	51300	51750	51950	52050	41200
Lower Quartile	26000	26900	27800	28800	29750	30750	31750	32700	33650	35450	37750	39550	40850	41650	42150	42400	42550	42600	34600
Lower Decile	23450	24600	25750	26800	27800	28750	29650	30500	31250	32550	34100	35200	35900	36350	36600	36750	36800	36850	30050
Mean	29300	30500	31700	33000	34300	35600	36900	38200	39500	41950	45150	47700	49500	50700	51400	51800	51950	52050	43550
Raw (Unsmoothed) Statistics																			
Upper Decile	33400	37200	38700	39500	43150	45650	47550	48500	47850	52000	55150	56750	61950	64850	67200	68550	69550	70000	60700
Upper Quartile	31350	33350	34750	35450	39800	40850	42950	43350	43300	46900	50150	50600	55450	58700	60300	62500	62550	63500	51350
Median	29100	30650	30350	29900	35150	36150	38350	37500	37250	41550	43550	41600	47400	50100	51250	55350	54950	56000	41200
Lower Quartile	26600	28000	26250	27300	31250	30150	34450	33950	32600	36450	38350	36950	38600	40050	41650	44250	42150	46100	34600
Lower Decile	22600	26750	24800	26150	28500	28550	30150	30900	30850	33100	34050	35650	33050	34250	35150	39000	36600	39650	30050
Mean	28750	31250	31100	31800	35650	36500	38900	38850	38500	42200	44400	44300	47750	49900	51600	54250	53350	55500	43550
Supporting Data																			
Total Number	252	337	442	475	362	588	416	432	433	937	1031	972	670	651	606	532	419	875	10438
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	24	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29

CURVES AND TABLES FOR SELECTED INDUSTRIAL SECTORS

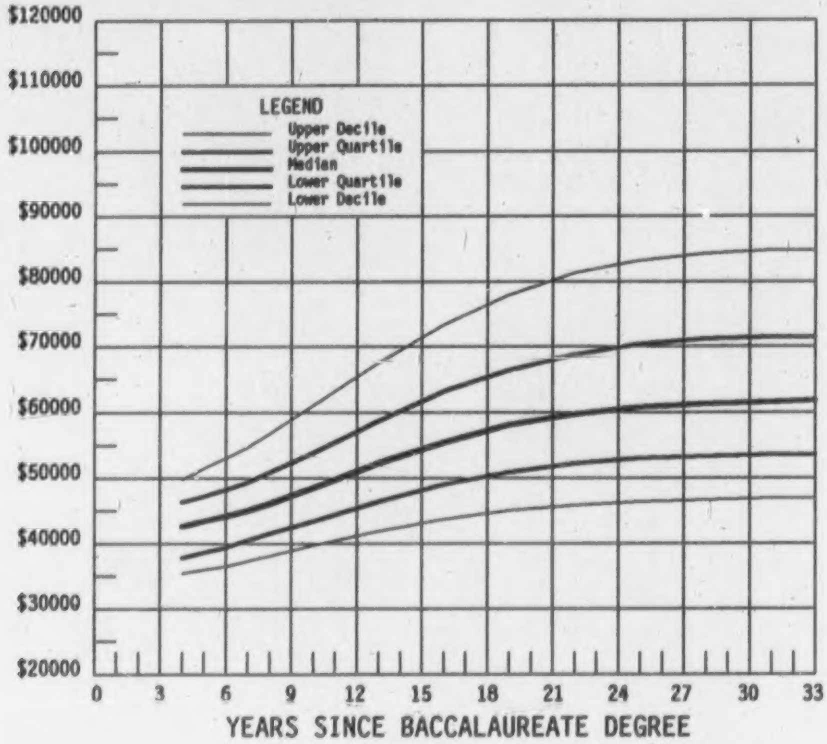
SALARY CURVES FOR ENGINEERS IN ALL MANUFACTURING INDUSTRIES
ALL ENGINEERS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: ALL MANUFACTURING INDUSTRIES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32250	34250	36300	38450	40650	42850	45100	47350	49550	53850	59650	64300	67750	70050	71400	72150	72500	72650	63250
Upper Quartile	31100	32700	34350	36050	37750	39500	41250	43000	44700	47950	52300	55800	58300	59950	60950	61450	61700	61800	52800
Median	29600	30900	32250	33650	35000	36400	37750	39100	40400	42850	46050	48500	50250	51400	52050	52400	52550	52650	43500
Lower Quartile	28200	29100	30050	31050	32050	33050	34100	35100	36100	38000	40500	42450	43850	44750	45300	45600	45700	45800	35850
Lower Decile	26350	27050	27750	28500	29250	30050	30800	31600	32350	33800	35650	37100	38100	38800	39200	39400	39450	39500	31100
Mean	29650	30950	32300	33700	35100	36550	38000	39450	40900	43650	47300	50200	52350	53700	54550	55000	55200	55300	46050
Raw (Unsmoothed) Statistics																			
Upper Decile	32600	33900	36100	37850	41200	43800	46050	48550	49150	52850	58300	63350	67400	71600	71400	73950	73300	72100	63250
Upper Quartile	31100	32600	34100	35900	38300	40250	41550	43600	44350	47250	51400	54700	59900	60800	60800	62200	61200	61900	52800
Median	29400	30950	32050	33350	35500	37200	38300	39500	40050	42250	45000	47850	51250	51800	52000	53550	52550	52400	43500
Lower Quartile	27800	29200	30100	30500	32450	33350	35350	35800	36150	37750	39300	40550	44100	44650	45350	47850	46200	46150	35850
Lower Decile	25750	27500	27600	27800	29850	30150	32250	32400	32200	33300	34300	36350	38200	38350	39750	40550	39650	40000	31100
Mean	29350	30950	32250	33350	35550	37100	38800	40200	40700	43050	46000	49100	52650	53850	54550	56550	55700	55550	46050
Supporting Data																			
Total Number	1178	1983	2555	2296	2110	2508	2298	2053	1877	4442	4094	4372	3689	3544	3483	3293	3793	4595	54164
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	5	2	6	19	36	24	92
Less Than $22000	30	10	8	5	7	4	3	6	0	7	1	1	2	6	8	3	6	7	114

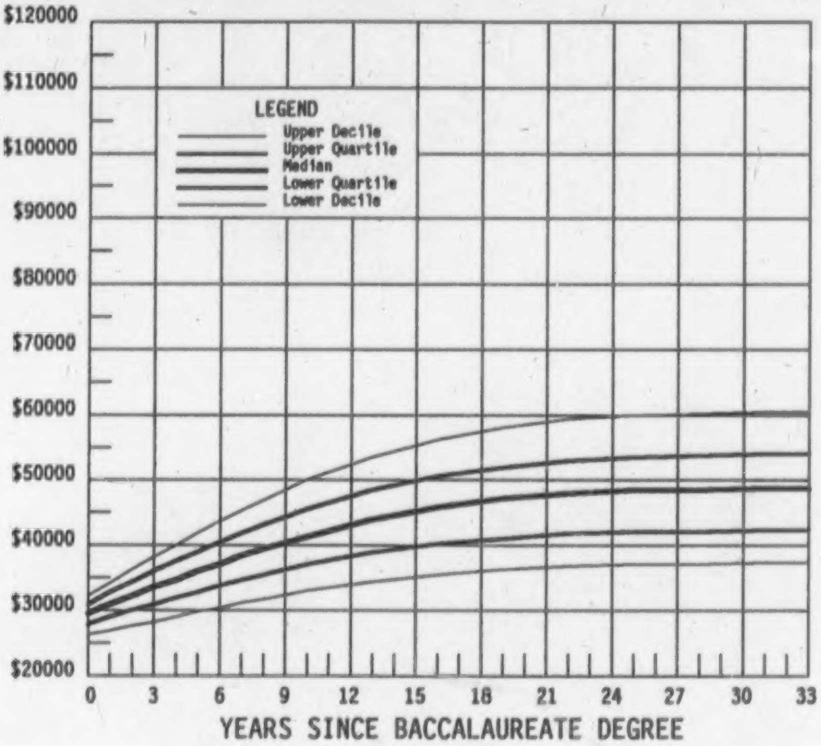
SALARY CURVES FOR ENGINEERS IN ALL MANUFACTURING INDUSTRIES SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: ALL MANUFACTURING INDUSTRIES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	49950	51350	53000	54800	56750	61000	67450	73300	77950	81250	83250	84350	84850	85100	78050
Upper Quartile	0	0	0	0	46300	47100	48200	49450	50900	53950	58750	63100	66500	68900	70350	71150	71500	71700	66200
Median	0	0	0	0	42700	43350	44150	45150	46250	48650	52300	55550	58100	59800	60900	61450	61700	61850	56700
Lower Quartile	0	0	0	0	37950	38700	39550	40500	41500	43550	46500	49050	50950	52250	53050	53450	53650	53750	48650
Lower Decile	0	0	0	0	35450	36000	36650	37350	38100	39650	41850	43700	45050	45950	46500	46800	46900	47000	42200
Mean	0	0	0	0	43050	43700	44600	45650	46850	49500	53650	57400	60400	62450	63750	64450	64750	64900	59200
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	47100	49700	52800	57700	56300	63200	65650	73100	75450	80650	82100	83550	89700	86000	78050
Upper Quartile	0	0	0	0	42400	46950	50900	50250	49700	54500	58350	62800	65500	69850	69450	70650	73650	71150	66200
Median	0	0	0	0	38650	44100	45800	45300	45900	48650	51650	55400	58500	60600	59850	60100	62950	62000	56700
Lower Quartile	0	0	0	0	34950	39900	40300	40650	40750	44300	45500	49150	51450	52900	51100	53250	55900	52900	48650
Lower Decile	0	0	0	0	30950	36650	37400	38250	38500	40100	41200	43650	44600	45700	43050	48550	49350	47250	42200
Mean	0	0	0	0	39150	43700	45850	46600	46550	50400	52800	57050	59900	62350	61950	64250	67350	65200	59200
Supporting Data																			
Total Number	2	27	66	67	69	180	211	352	340	885	1227	1599	1548	1422	1479	1480	1336	1731	14034
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	5	2	6	19	35	24	91
Less Than $22000	0	0	0	0	0	0	0	1	0	0	0	0	0	5	8	3	6	7	30

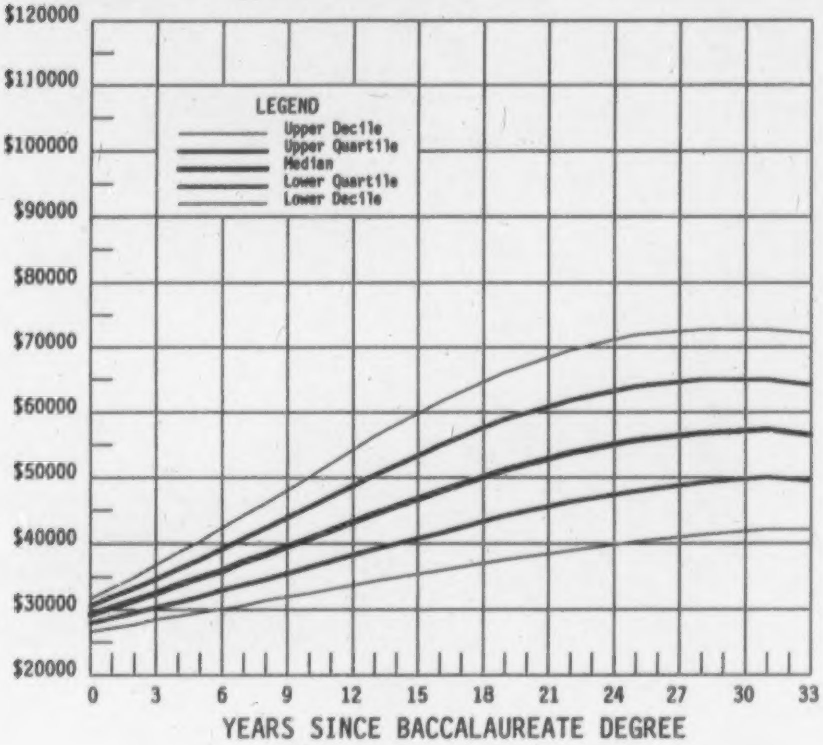
SALARY CURVES FOR ENGINEERS IN ALL MANUFACTURING INDUSTRIES
NON-SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: ALL MANUFACTURING INDUSTRIES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32250	34200	36150	38100	40000	41850	43650	45400	47000	50000	53650	56350	58200	59400	60050	60400	60600	60650	54050
Upper Quartile	31050	32700	34350	35950	37550	39050	40500	41900	43200	45600	48500	50650	52100	53050	53550	53850	54000	54050	47800
Median	29650	30950	32250	33500	34750	36000	37200	38350	39450	41450	43950	45800	47100	47900	48400	48650	48750	48800	39850
Lower Quartile	28100	29100	30050	31000	31950	32850	33750	34600	35450	36950	38800	40150	41100	41750	42100	42250	42350	42400	33950
Lower Decile	26300	27000	27700	28400	29100	29800	30500	31150	31800	32950	34450	35550	36300	36800	37050	37200	37250	37300	30300
Mean	29500	30850	32200	33500	34800	36100	37300	38450	39600	41650	44150	46050	47350	48200	48650	48900	49050	49100	41400
Raw (Unsmoothed) Statistics																			
Upper Decile	32600	33850	35850	37700	40950	42650	43900	45700	46800	49650	52750	54150	60000	59800	59750	61550	59850	61700	54050
Upper Quartile	31150	32600	34000	35750	38100	39800	40750	42250	42900	45350	47700	49200	52650	53050	53650	55000	53900	54650	47800
Median	29400	30950	32000	33250	35400	36850	37850	38550	39050	40950	42700	44100	47200	48100	49000	50100	49300	49250	39850
Lower Quartile	27800	29200	30050	30450	32400	33050	35100	35100	35100	36800	37750	38050	40550	41400	43200	43050	43000	43550	33950
Lower Decile	25750	27450	27500	27750	29800	30000	32000	31850	31700	32400	32800	35150	34950	35850	38050	38600	38200	38100	30300
Mean	29350	30900	32000	33150	35450	36600	38100	38800	39350	41200	43050	44450	47450	48200	49150	50150	49350	49750	41400
Supporting Data																			
Total Number	1175	1957	2487	2229	2040	2324	2085	1695	1535	3552	2865	2774	2140	2122	2002	1813	2459	2864	40131
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2
Less Than $22000	30	10	8	5	7	4	3	5	0	7	1	1	1	2	0	0	0	0	84

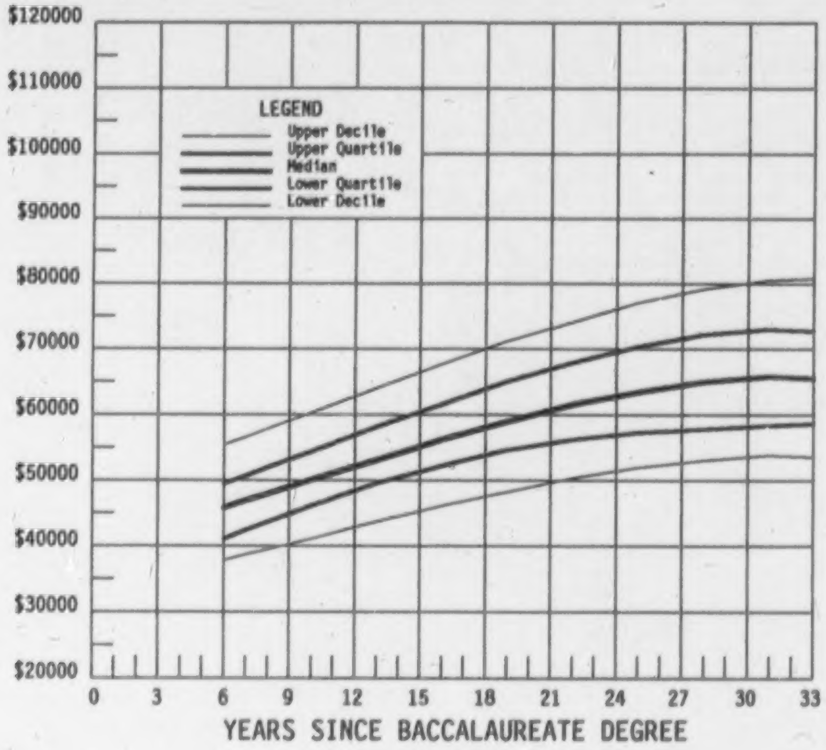
SALARY CURVES FOR ENGINEERS IN AEROSPACE
ALL ENGINEERS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: AEROSPACE

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	31700	33300	35000	36750	38550	40400	42300	44250	46200	50200	56150	61600	66250	69700	71900	72850	72850	70550	64150
Upper Quartile	30600	31950	33300	34750	36200	37700	39250	40850	42400	45650	50450	54950	58900	61950	64000	64950	65000	62250	54900
Median	29400	30450	31550	32650	33750	34900	36100	37250	38450	40900	44550	48050	51250	53850	55800	56900	57200	54850	41950
Lower Quartile	28100	28850	29650	30450	31250	32100	32950	33800	34650	36400	39100	41700	44150	46300	48100	49350	50000	48500	33050
Lower Decile	26750	27300	27850	28450	29000	29600	30150	30750	31350	32550	34300	36000	37600	39050	40300	41300	42000	42200	29850
Mean	29500	30550	31600	32750	33850	35000	36200	37400	38650	41100	44800	48400	51600	54350	56350	57550	57950	55650	44950
Raw (Unsmoothed) Statistics																			
Upper Decile	31950	32850	34200	37300	38600	40650	42400	44850	47850	50900	55150	61300	66250	69450	71000	71750	72300	71600	64150
Upper Quartile	30950	31550	32900	34700	36250	38000	39450	41550	43050	46200	49250	55150	59800	62250	63750	64200	63300	63300	54900
Median	29450	30350	31300	32350	34200	35550	36350	37650	38050	41050	43050	47050	52950	54700	56550	56750	55600	55350	41950
Lower Quartile	28100	28850	29900	30350	31450	32500	33450	33800	33750	36150	37050	39350	45500	47800	50450	50100	48900	48250	33050
Lower Decile	26600	27550	28350	28600	29350	30300	30500	30250	30300	31050	32750	34000	37900	40500	42650	42500	42050	41350	29850
Mean	29450	30250	31400	32800	34150	35500	36500	37700	38800	41250	43600	47500	52600	55100	56950	57150	56650	56150	44950
Supporting Data																			
Total Number	506	619	715	688	628	536	410	375	305	729	560	529	628	704	732	756	1044	1351	11815
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	1	0	0	0	0	2	0	1	1	1	0	0	0	0	0	0	6

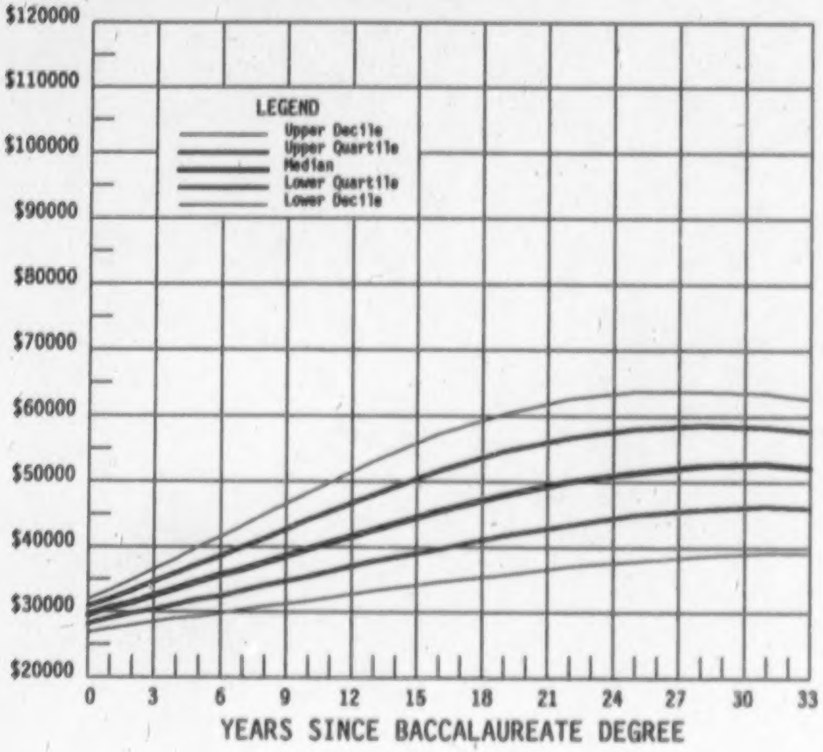
SALARY CURVES FOR ENGINEERS IN AEROSPACE SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: AEROSPACE, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	55400	56600	57850	60300	64000	67650	71100	74250	76950	79150	80650	80850	76850
Upper Quartile	0	0	0	0	0	0	49550	50750	51950	54400	58050	61600	64950	67950	70400	72150	73150	71650	69350
Median	0	0	0	0	0	0	45850	46850	47900	50000	53150	56200	59000	61500	63550	65050	65900	64700	62100
Lower Quartile	0	0	0	0	0	0	41100	42450	43750	46250	49550	52350	54550	56150	57250	58000	58500	58950	55300
Lower Decile	0	0	0	0	0	0	37800	38600	39450	41150	43650	46050	48300	50300	51950	53150	53900	53050	48850
Mean	0	0	0	0	0	0	46000	47050	48100	50200	53350	56350	59200	61750	63850	65450	66400	65550	62350
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	51200	57800	64000	59400	62750	67800	71150	76200	76450	76750	81850	80850	76850
Upper Quartile	0	0	0	0	0	0	49000	49800	52250	53350	58000	62550	65700	68850	69900	70900	73000	72000	69350
Median	0	0	0	0	0	0	44000	45900	49000	49200	52300	57150	60100	62550	63500	64100	64750	65300	62100
Lower Quartile	0	0	0	0	0	0	41000	41950	46000	45950	48850	52100	55200	56350	57150	57950	58000	59250	55300
Lower Decile	0	0	0	0	0	0	32400	38150	39500	42550	43400	45850	49400	50050	51850	53750	52700	53450	48850
Mean	0	0	0	0	0	0	43200	45650	49700	50000	53000	56750	60050	62650	63600	64450	65850	65950	62350
Supporting Data																			
Total Number	0	0	1	1	4	5	12	21	20	75	94	127	230	273	305	310	389	452	2320
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1

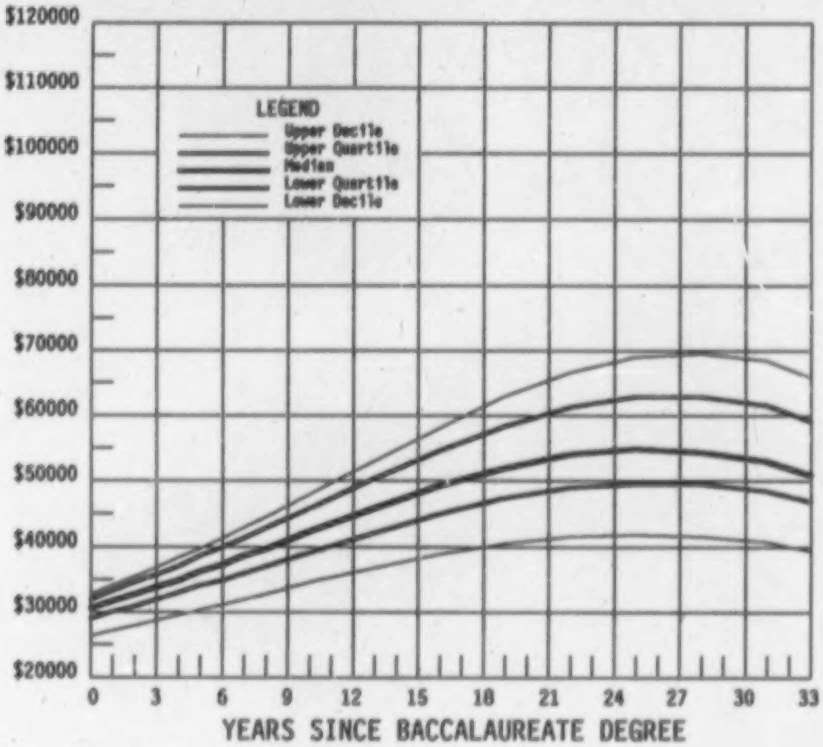
SALARY CURVES FOR ENGINEERS IN AEROSPACE NON-SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: AEROSPACE, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	31900	33450	35000	36600	38200	39900	41550	43250	44950	48300	53050	57200	60400	62550	63700	63850	63400	60850	56350
Upper Quartile	30850	32100	33350	34650	36000	37300	38700	40050	41400	44150	48100	51650	54600	56800	58100	58650	58400	55900	48500
Median	29700	30650	31600	32600	33600	34600	35600	36650	37650	39700	42750	45550	48050	50100	51600	52450	52750	51000	37750
Lower Quartile	28350	29050	29750	30450	31150	31900	32600	33350	34100	35550	37750	39850	41850	43550	44950	45950	46500	45500	31850
Lower Decile	27050	27550	28050	28500	29000	29450	29950	30450	30900	31850	33300	34600	35850	36950	37950	38700	39250	39500	29350
Mean	29750	30700	31650	32650	33650	34650	35700	36750	37750	39850	42850	45700	48150	50150	51550	52350	52500	50500	40700
Raw (Unsmoothed) Statistics																			
Upper Decile	31950	32850	34200	37300	38450	40650	41850	43850	46300	49200	51600	56850	59650	61450	62900	63150	62000	62400	56350
Upper Quartile	30950	31550	32900	34700	36200	38000	39250	40950	42100	45000	46750	51050	54450	56400	58000	57850	57000	57050	48500
Median	29450	30350	31300	32400	34200	35550	36300	37300	37600	40050	41500	43400	48550	50500	52850	52400	51700	51400	37750
Lower Quartile	28100	28850	29900	30350	31450	32500	33350	33650	33350	35500	36350	37800	42500	44500	46500	46850	46000	45300	31850
Lower Decile	26600	27550	28350	28650	29400	30350	30500	30200	30150	30700	32150	33150	36100	38600	39600	39750	39000	39050	29350
Mean	29450	30250	31350	32800	34100	35500	36300	37250	38050	40200	41750	44550	46300	50350	52200	52000	51150	51200	40700
Supporting Data																			
Total Number	506	619	714	667	624	531	398	354	285	653	466	402	398	431	427	446	655	899	9495
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	1	0	0	0	0	1	0	1	1	1	0	0	0	0	0	0	5

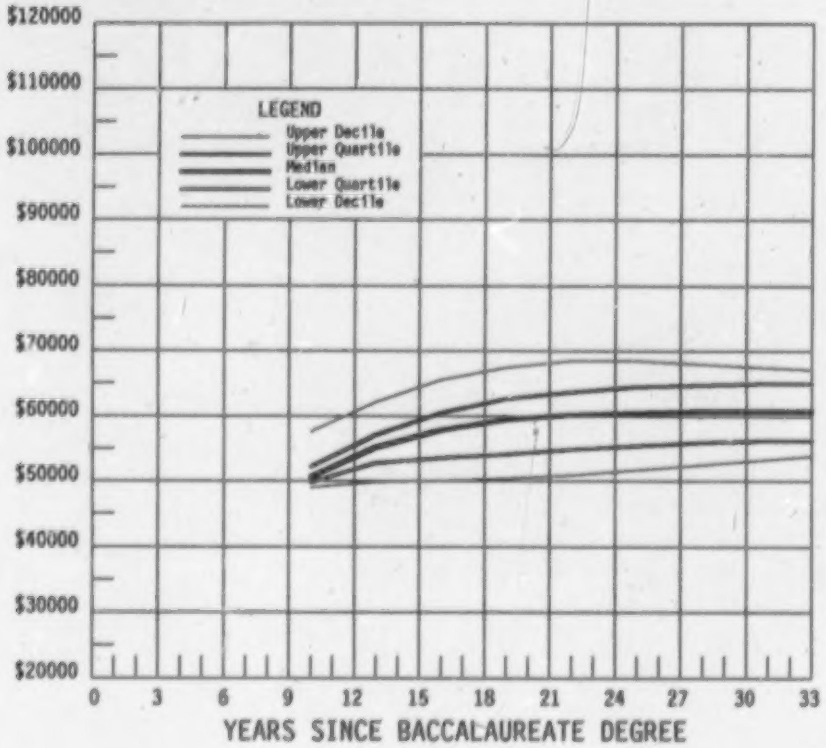
SALARY CURVES FOR ENGINEERS IN AUTOMOTIVE INDUSTRIES
ALL ENGINEERS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: AUTOMOTIVE INDUSTRIES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32900	34200	35550	36900	38350	39850	41350	42950	44550	47900	53100	58200	62850	66600	68950	69650	68500	58500	61800
Upper Quartile	32100	33300	34550	35800	37150	38550	39950	41350	42850	45850	50400	54700	58500	61400	62950	63000	61600	52250	52800
Median	30550	31650	32750	33850	35000	36200	37400	38650	39850	42350	46000	49300	52100	54000	54850	54500	53000	45100	45350
Lower Quartile	29150	30100	31050	32000	33000	34050	35050	36100	37150	39250	42250	45050	47350	48950	48700	49550	48500	42300	38600
Lower Decile	26400	27200	28000	28800	29600	30400	31250	32100	32900	34550	36850	38900	40500	41550	41950	41700	40750	35750	31850
Mean	30200	31250	32350	33500	34700	35850	37100	38350	39800	42150	45900	49400	52400	54600	55650	55550	54200	46350	46050
Raw (Unsmoothed) Statistics																			
Upper Decile	29550	33650	35850	38850	40700	40850	43050	43250	44450	46850	54950	59500	64350	62750	63550	67100	68550	68950	61800
Upper Quartile	28300	32600	35300	37700	39950	40250	41700	41950	43500	45500	51750	56350	60050	57300	57200	61200	61050	62150	52800
Median	25800	29750	34400	36800	38700	39200	40100	40250	42550	43500	46450	48950	50800	50500	51250	53100	53900	53000	45350
Lower Quartile	24350	26650	31300	36050	35100	38200	38850	38900	41600	42000	44300	46700	47050	41650	42800	50650	51000	50550	38600
Lower Decile	20250	24600	29800	31200	31400	35700	38100	38100	41050	41100	33200	39300	38050	37400	37900	40050	44050	42300	31850
Mean	25650	29400	33450	36250	37200	38900	39950	40500	42600	43600	46650	50050	51350	50000	50950	54450	55150	54950	46050
Supporting Data																			
Total Number	102	104	82	105	112	92	66	62	59	176	196	251	191	265	182	161	191	191	2572
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	18	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23

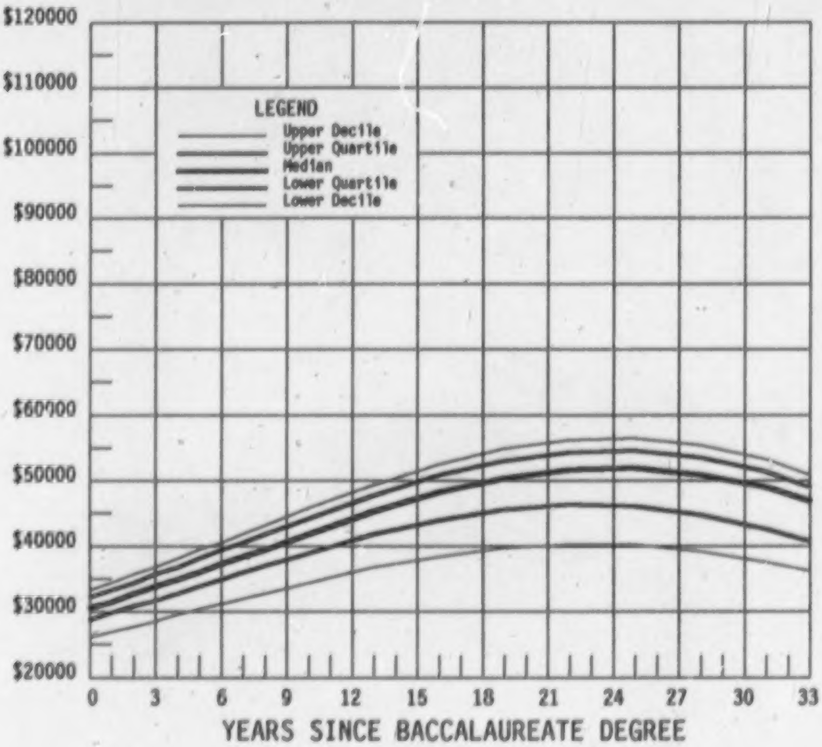
SALARY CURVES FOR ENGINEERS IN AUTOMOTIVE INDUSTRIES SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: AUTOMOTIVE INDUSTRIES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	57550	62250	656[illegible]0	67550	68400	68450	68000	67400	66100	68750
Upper Quartile	0	0	0	0	0	0	0	0	0	52200	57150	60450	62550	63800	64550	64900	65150	65250	63700
Median	0	0	0	0	0	0	0	0	0	50700	55300	58000	59500	60250	60600	60750	60850	60850	60400
Lower Quartile	0	0	0	0	0	0	0	0	0	50000	52750	53500	54200	54850	55400	55900	56250	56750	54950
Lower Decile	0	0	0	0	0	0	0	0	0	49000	50000	50150	50400	51000	51750	52600	53450	54900	50900
Mean	0	0	0	0	0	0	0	0	0	51950	55250	57500	58900	59750	60200	60400	60500	60550	59650
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	52600	65050	68250	66450	65350	68600	70100	70550	71050	68750
Upper Quartile	0	0	0	0	0	0	0	0	0	52050	57550	59800	64150	62850	63750	64600	68050	69600	63700
Median	0	0	0	0	0	0	0	0	0	51100	54800	57500	61100	60050	60850	61450	61650	64000	60400
Lower Quartile	0	0	0	0	0	0	0	0	0	50150	53050	54850	53750	54450	52500	57500	57700	62000	54950
Lower Decile	0	0	0	0	0	0	0	0	0	48400	51250	52050	48850	51150	49200	53900	54250	60800	50900
Mean	0	0	0	0	0	0	0	0	0	50850	56000	57900	58950	58700	59400	61650	61750	65650	59650
Supporting Data																			
Total Number	0	0	0	1	1	1	1	5	1	14	37	64	81	103	66	77	87	60	613
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

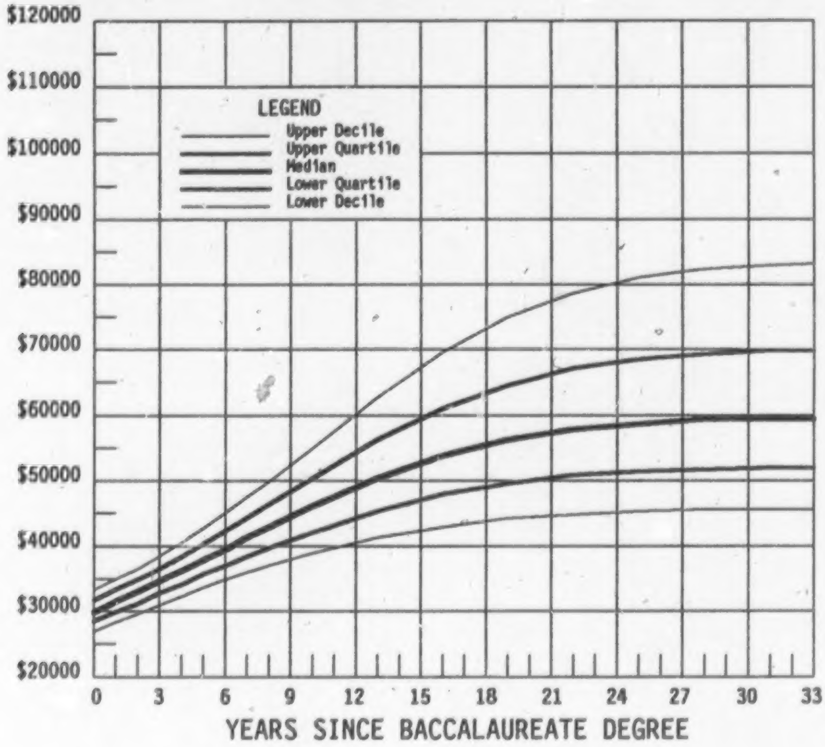
SALARY CURVES FOR ENGINEERS IN AUTOMOTIVE INDUSTRIES
NON-SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: AUTOMOTIVE INDUSTRIES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33300	34450	35650	36850	38100	39350	40650	41900	43200	45750	49400	52550	54950	56300	56450	55400	53200	44100	52150
Upper Quartile	32250	33350	34500	35700	36900	38100	39350	40600	41600	44300	47800	50850	53150	54400	54550	53500	51400	42600	48750
Median	30550	31600	32700	33800	34950	36100	37250	38450	39600	41950	45300	48200	50400	51700	51900	50950	49050	40800	41800
Lower Quartile	28850	29850	30850	31850	32850	33900	34950	36000	37000	39000	41800	44100	45650	46350	46050	44850	42800	35200	36700
Lower Decile	26200	27000	27850	28650	29500	30350	31200	32050	32850	34500	36700	38500	39750	40350	40150	39250	37700	31700	30450
Mean	30250	31250	32300	33400	34500	35600	36700	37850	38950	41150	44300	47000	49050	50150	50200	49250	47350	39450	41800
Raw (Unsmoothed) Statistics																			
Upper Decile	29550	33650	35850	39850	40700	40800	43050	43100	44100	46200	51900	49950	52050	53000	52900	53850	54600	55200	52150
Upper Quartile	28300	32600	35300	37700	39950	40200	41700	41500	43450	44950	48800	49150	50500	50050	51850	52250	52800	53300	48750
Median	25600	29750	34400	36900	38700	39200	40100	40000	42550	43250	45650	47750	48100	43250	50100	50900	51450	51500	41800
Lower Quartile	24350	26650	31300	36050	35100	38150	38850	38600	41600	41850	43150	43900	42150	38900	39750	42500	50100	44600	36700
Lower Decile	20250	24600	29800	31200	31400	35650	38100	38050	41050	41050	32400	37100	34850	36250	36950	37450	38850	41550	30450
Mean	25650	29400	33450	36250	37200	38800	39950	40350	42550	43000	44500	46050	45750	44450	46300	48050	49600	50150	41800
Supporting Data																			
Total Number	102	104	82	104	112	91	65	57	58	162	158	167	110	162	118	86	104	132	1959
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	18	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23

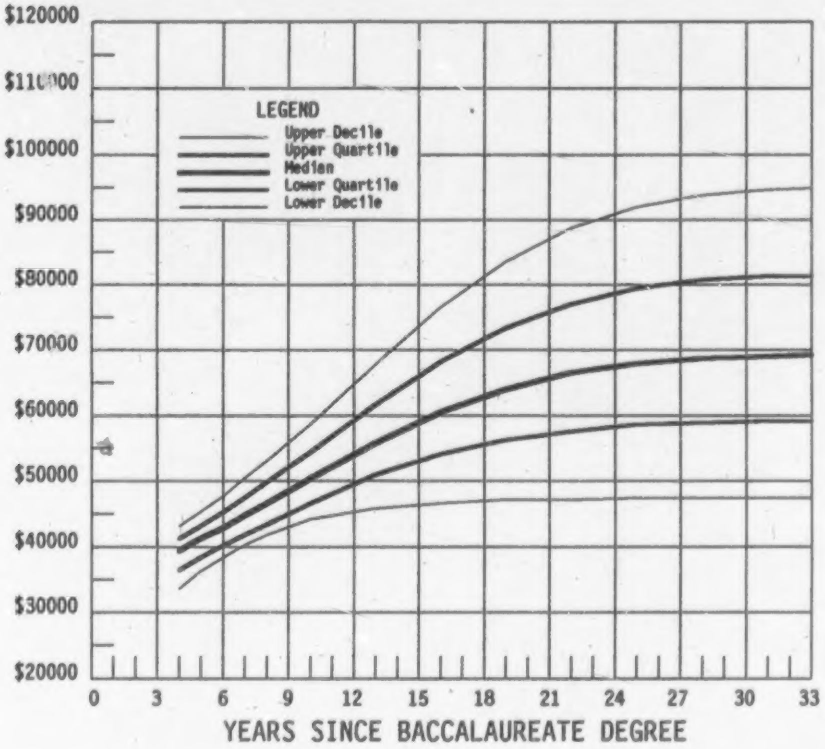
SALARY CURVES FOR ENGINEERS IN CHEMICALS, DRUGS & PLASTICS
ALL ENGINEERS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: CHEMICALS, DRUGS & PLASTICS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33450	34950	36650	38500	40500	42700	44950	47400	49900	55050	62700	69550	74950	78800	81150	82450	83050	83300	70250
Upper Quartile	31700	33200	34850	36600	38400	40350	42300	44350	46400	50450	56150	61000	64650	67100	68650	69450	69800	70000	58800
Median	29900	31400	32950	34550	36200	37900	39550	41250	42900	46100	50350	53750	56200	57850	58800	59350	59550	59700	49000
Lower Quartile	28450	29850	31300	32750	34150	35600	37000	38400	39750	42250	45450	47950	49700	50850	51500	51850	52000	52100	40100
Lower Decile	26850	28250	29650	31000	32350	33600	34850	35950	37050	39000	41300	43000	44150	44850	45250	45500	45600	45650	34450
Mean	30150	31550	33050	34650	36300	38000	39700	41450	43200	46650	51350	55200	58050	60000	61150	61750	62050	62150	51000
Raw (Unsmoothed) Statistics																			
Upper Decile	33200	34000	37200	38300	41100	43250	45400	46900	49900	54250	61600	69950	75800	80950	81850	83700	81850	81600	70250
Upper Quartile	31650	32800	35000	36300	38500	40600	42800	44300	46750	50100	55400	60600	65650	67250	69350	70450	67500	71150	58800
Median	29750	31000	33050	34600	36650	38250	39950	40650	43450	45600	49750	53700	57350	58450	58850	59550	58850	59550	49000
Lower Quartile	28600	29200	31400	32600	34700	36250	37400	37700	39750	41850	44850	48150	51300	51450	52200	51900	51000	51050	40100
Lower Decile	26800	28000	29500	30500	32850	34450	35500	35550	37300	38500	40200	42850	[illegible]	[illegible]	46900	46100	43500	44250	34450
Mean	30000	31050	33200	34500	36750	38550	40150	40950	43600	45100	[illegible]	55200	59400	60850	61900	62550	60450	61550	51000
Supporting Data																			
Total Number	172	243	517	213	342	594	620	705	460	1052	1475	1280	971	1089	848	652	626	911	12766
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	5	3	3	14
Less Than $22000	2	1	5	1	0	0	0	0	0	2	0	2	1	15	13	10	19	23	95

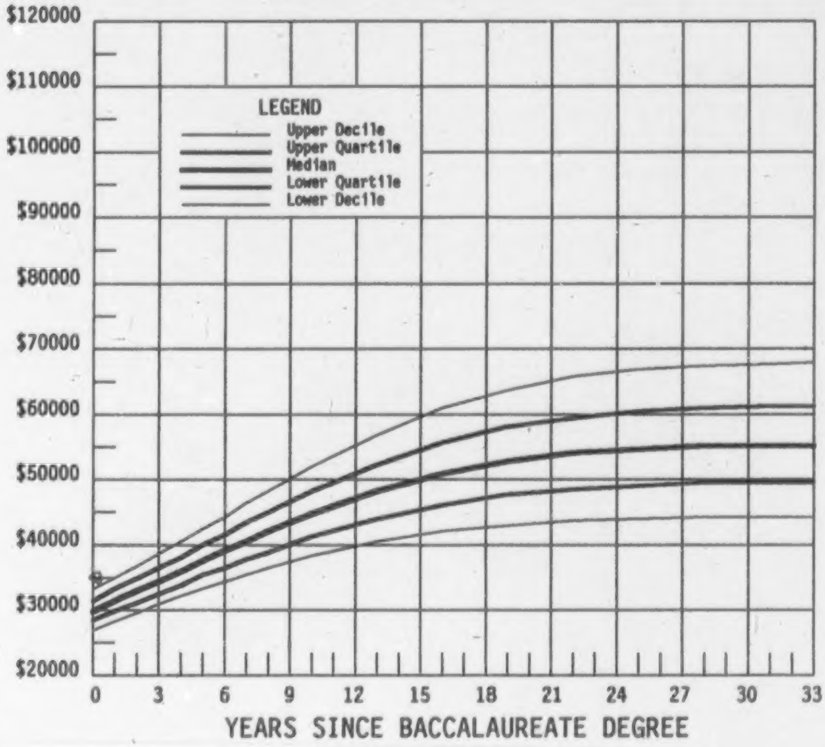
SALARY CURVES FOR ENGINEERS IN CHEMICALS, DRUGS & PLASTICS SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: CHEMICALS, DRUGS & PLASTICS, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	43250	45400	47750	50300	53000	58800	67850	76450	83600	88800	92100	93900	94750	95150	84150
Upper Quartile	0	0	0	0	41350	43250	45300	47450	49750	54500	61700	66250	73450	77150	79500	80750	81300	81600	72050
Median	0	0	0	0	39550	41200	42950	44750	46600	50400	55800	60500	64100	66550	68050	68850	69200	69400	60400
Lower Quartile	0	0	0	0	36550	38400	40150	41900	43600	46800	50850	54050	56250	57700	58550	59000	59200	59300	51000
Lower Decile	0	0	0	0	33500	36200	38500	40400	41950	44150	45950	46750	47150	47300	47350	47350	47400	47400	43450
Mean	0	0	0	0	38900	40800	42800	44850	46900	50950	56700	61500	65150	67650	69150	69950	70300	70500	62350
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	42350	45350	48800	49250	54100	58700	67100	76950	83700	89550	93550	94600	93800	94100	84150
Upper Quartile	0	0	0	0	40600	43150	46200	47100	50200	54100	61750	68000	73500	78200	79700	81250	81200	81200	72050
Median	0	0	0	0	39100	40900	43000	45050	47550	49950	55900	60300	64050	66300	68950	68450	66350	72650	60400
Lower Quartile	0	0	0	0	37550	38450	39800	42300	43350	46400	50350	54650	57250	58950	59250	57450	55850	60250	51000
Lower Decile	0	0	0	0	36650	36250	38150	39200	39600	43000	46900	49800	51500	51600	51650	48250	32800	43200	43450
Mean	0	0	0	0	39250	40700	43050	44650	47300	50450	56400	61850	65900	68350	70150	70250	67300	70450	62350
Supporting Data																			
Total Number	0	6	10	12	22	59	70	82	108	274	492	527	460	474	372	261	234	337	3795
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	3	3	13
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	1	1	14	13	10	19	20	79

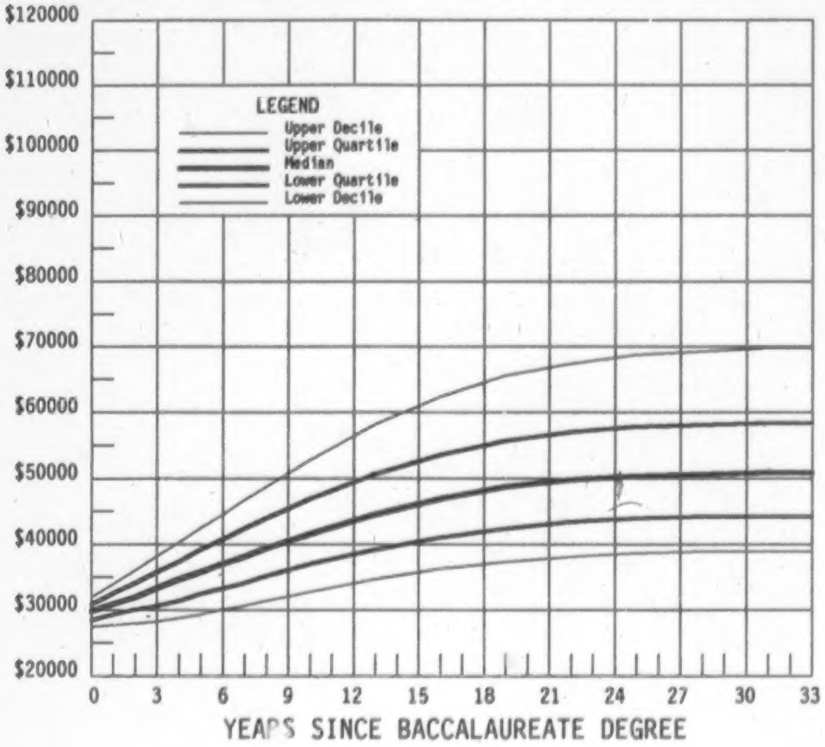
SALARY CURVES FOR ENGINEERS IN CHEMICALS, DRUGS & PLASTICS NON-SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: CHEMICALS, DRUGS & PLASTICS, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33200	34900	36700	38550	40450	42400	44350	46300	48200	51900	56900	60950	63850	65800	66950	67600	67850	68000	60050
Upper Quartile	31600	33200	34850	36550	38250	40000	41700	43400	45050	48250	52400	55700	58050	59600	60500	60950	61200	61300	52750
Median	29900	31400	32950	34500	36050	37600	39100	40600	42050	44750	48200	50850	52750	54000	54700	55100	55250	55350	45000
Lower Quartile	28600	29950	31300	32650	34000	35350	36600	37850	39050	41300	44100	46200	47700	48650	49200	49500	49650	49700	38000
Lower Decile	26950	28300	29650	30950	32150	33350	34500	35550	36550	38350	40450	42000	43050	43700	44050	44250	44350	44400	33350
Mean	30100	31550	33100	34600	36150	37700	39250	40750	42200	44950	48500	51250	53200	54450	55200	55600	55800	55850	46200
Raw (Unsmoothed) Statistics																			
Upper Decile	33200	33900	37200	38150	40950	42800	44550	46400	48050	51900	55950	59550	63500	66100	66200	70950	68550	69900	60050
Upper Quartile	31650	32700	35000	36200	38050	40300	42400	43550	45600	47750	51650	54800	58050	59550	59800	62800	62550	62600	52750
Median	29750	30950	33050	34500	36450	37950	39650	40150	42400	44350	47400	50600	53000	53850	54900	56450	56200	55800	45000
Lower Quartile	28600	29200	31400	32600	34550	36100	37200	37400	39200	41000	42950	45350	48650	49350	50250	50550	49950	49650	38000
Lower Decile	26800	28000	29450	30550	32750	34350	35300	35100	36800	38100	39000	40850	44150	45000	45350	45350	44050	44300	33350
Mean	30000	31000	33200	34450	36600	38250	39800	40450	42400	44600	47550	50400	53550	55100	55450	57300	56250	56350	46200
Supporting Data																			
Total Number	172	238	506	202	320	535	547	621	351	780	985	753	511	618	478	387	395	577	8970
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
Less Than $22000	2	1	5	1	0	0	0	0	0	2	0	2	0	1	0	0	0	2	16

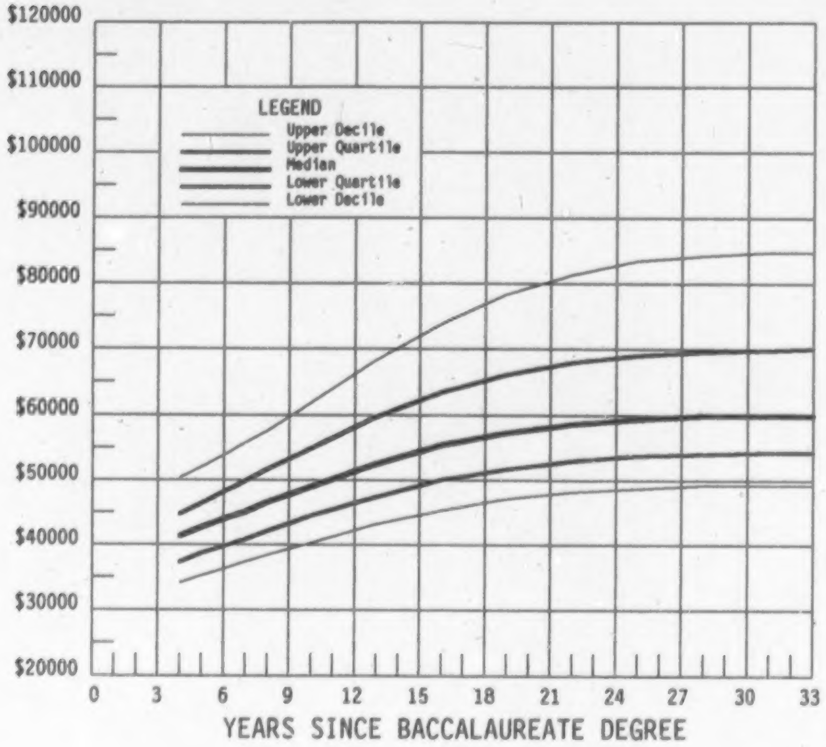
SALARY CURVES FOR ENGINEERS IN ELECTRIC MACHINERY/ELECTRONICS/COMPUTERS ALL ENGINEERS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: ELECTRIC MACHINERY/ELECTRONICS/COMPUTERS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32000	34000	36050	38150	40250	42400	44550	46700	48800	52800	58200	62450	65550	67600	68800	69450	69750	69900	59900
Upper Quartile	30900	32500	34150	35800	37450	39100	40750	42350	43900	46850	50650	53600	55700	57050	57850	58250	58450	58550	50650
Median	29850	30950	32100	33300	34550	35750	37000	38200	39400	41700	44650	47000	48700	49800	50400	50750	50900	51000	41100
Lower Quartile	28650	29250	30000	30750	31600	32450	33350	34250	35200	36950	39300	41150	42500	43400	43950	44200	44350	44400	33800
Lower Decile	27500	27650	27950	28350	28900	29450	30100	30750	31450	32800	34700	36200	37350	38100	38550	38800	38900	38950	30200
Mean	29850	30950	32150	33350	34650	35950	37300	38650	39950	42500	45950	48700	50700	52000	52800	53200	53400	53500	43900
Raw (Unsmoothed) Statistics																			
Upper Decile	32200	33850	35850	38000	40300	42750	45450	46950	48700	52050	56350	63050	67900	69100	70550	71750	66950	67850	59900
Upper Quartile	31150	32300	34000	35700	37300	39650	41400	42850	43950	46000	49350	53800	57800	57750	59050	59650	57250	56450	50650
Median	29700	30900	32150	33200	34650	36500	38050	38550	39400	40250	42650	47550	50250	50000	51100	52400	50550	49600	41100
Lower Quartile	28150	29300	30350	30750	31600	33000	34500	34550	34950	35750	37600	40800	43300	43150	44800	45800	44750	43600	33800
Lower Decile	26600	27850	28450	28550	29000	30400	30900	31000	31450	31050	32750	36000	38100	38700	39650	39350	39300	38450	30200
Mean	29600	30950	32250	33300	34650	36600	38200	39000	39950	41300	44000	48600	52100	52250	53750	54950	53100	52200	43900
Supporting Data																			
Total Number	756	950	1022	914	756	799	755	711	564	1191	1068	1338	1072	1113	1056	1080	1472	1181	17798
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	7	15	6	34
Less Than $22000	4	6	3	3	5	2	2	4	0	4	1	0	1	1	0	0	0	0	36

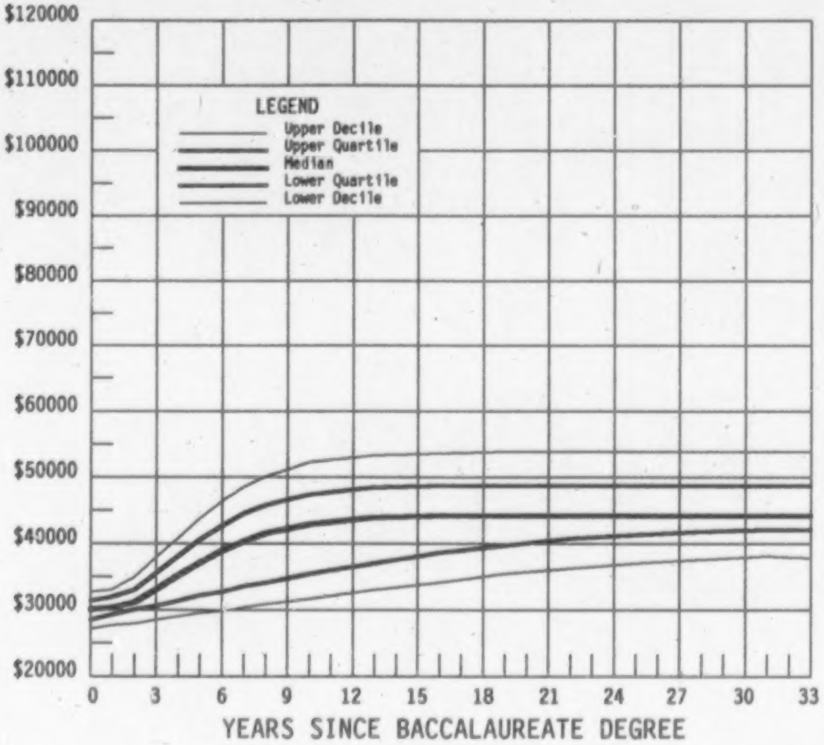
SALARY CURVES FOR ENGINEERS IN ELECTRIC MACHINERY/ELECTRONICS/COMPUTERS SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: ELECTRIC MACHINERY/ELECTRONICS/COMPUTERS, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	50450	52000	53750	55700	57700	61950	68300	73950	78400	81450	83350	84350	84850	85100	77200
Upper Quartile	0	0	0	0	44850	46500	48200	49900	51650	55050	59650	63400	66200	68000	69150	69700	70000	70100	65450
Median	0	0	0	0	41300	42600	43900	45200	46550	49100	52550	55350	57350	58700	59500	59900	60100	60200	56550
Lower Quartile	0	0	0	0	37400	38550	39700	40900	42100	44400	47500	50000	51850	53050	53750	54150	54350	54400	50150
Lower Decile	0	0	0	0	34250	35250	36250	37300	38350	40400	43200	45450	47150	48250	48900	49250	49400	49500	43700
Mean	0	0	0	0	42350	43400	44600	45850	47250	50100	54300	57950	60750	62650	63850	64450	64750	64900	59600
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	48050	52550	52850	57400	56400	64400	66850	72700	77800	81050	82800	86600	85350	85250	77200
Upper Quartile	0	0	0	0	43550	46100	50700	50600	49250	54350	60400	63300	66300	68700	70150	69600	69250	69200	65450
Median	0	0	0	0	39500	42650	45200	45700	46100	48800	52350	55000	57800	59000	60050	60050	59450	59850	56550
Lower Quartile	0	0	0	0	35150	39400	39800	41800	42150	44500	46500	50000	52200	52800	53800	54800	54650	53500	50150
Lower Decile	0	0	0	0	30300	36300	36850	38600	38250	41200	42200	44450	47350	47800	49500	50100	51050	47400	43700
Mean	0	0	0	0	39550	43750	45350	47050	46600	50550	53700	57200	61150	62200	63900	65350	65300	64200	59600
Supporting Data																			
Total Number	2	14	19	9	23	43	67	96	78	216	236	480	426	403	387	421	431	325	3676
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	7	14	6	33
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

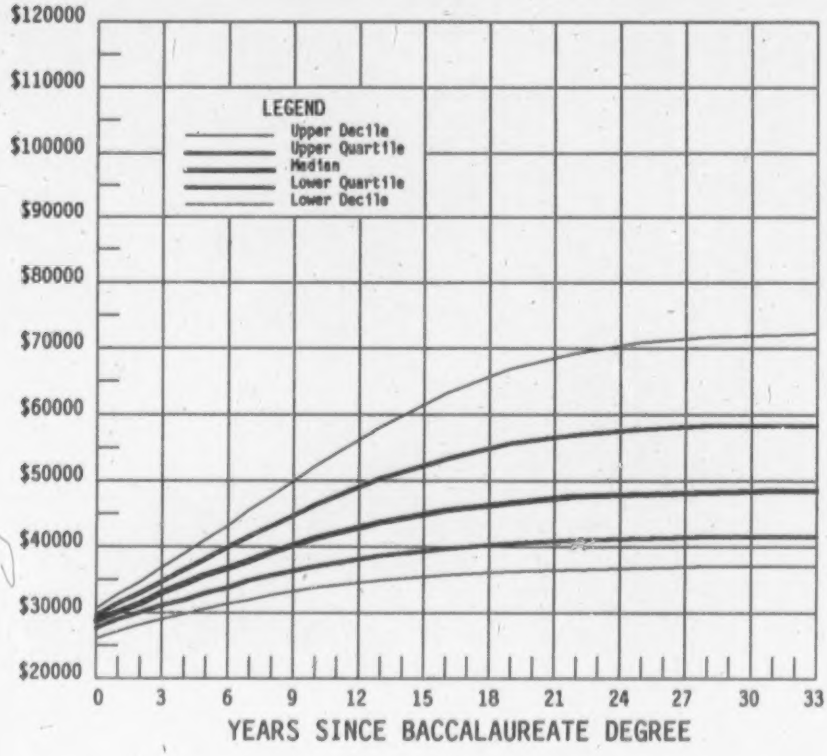
SALARY CURVES FOR ENGINEERS IN ELECTRIC MACHINERY/ELECTRONICS/COMPUTERS NON-SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: ELECTRIC MACHINERY/ELECTRONICS/COMPUTERS, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32850	33000	34850	37750	40900	43850	46450	48550	50150	52150	53350	53650	53750	53750	53750	53750	53750	53750	51900
Upper Quartile	31400	31900	33000	35450	38100	40600	42800	44550	45850	47500	48500	48750	48800	48800	48800	48800	48800	48800	45900
Median	30000	30500	31200	33050	35150	37150	38950	40400	41550	43050	44000	44250	44350	44350	44350	44350	44350	44350	38300
Lower Quartile	28650	29350	30100	30800	31500	32250	32900	33600	34250	35500	37200	38650	39850	40750	41400	41800	42050	42050	32500
Lower Decile	27200	27650	28100	28550	29000	29500	29950	30400	30850	31750	33050	34250	35350	36300	37100	37650	38050	37850	29600
Mean	30000	30400	31200	33100	35150	37200	39000	40450	41650	43200	44200	44500	44600	44600	44600	44600	44600	44600	39800
Raw (Unsmoothed) Statistics																			
Upper Decile	32200	33850	35750	37950	40000	42000	43700	45100	47250	48550	51150	52500	56200	55600	57600	58250	57250	57300	51900
Upper Quartile	31150	32300	33900	35650	37150	39250	40750	41350	42600	43300	45900	48750	51000	51100	51900	52850	52300	52000	45900
Median	29700	30900	32100	33150	34550	36300	37600	37650	38550	38850	40600	43600	45950	46000	47800	48450	48150	47650	38300
Lower Quartile	28150	29300	30300	30700	31550	32800	34200	34000	34350	34450	36200	38600	40200	40900	41950	41650	42350	41750	32500
Lower Decile	26600	27800	28450	28550	29000	30300	30650	30600	31000	30400	32050	33800	35650	36900	38450	37750	38300	37300	29600
Mean	29600	30900	32150	33300	34500	36150	37500	37750	38850	39250	41250	43750	46150	46550	47900	48350	48050	47600	39800
Supporting Data																			
Total Number	754	936	1003	905	733	756	688	615	486	975	832	858	646	710	669	659	1041	856	14122
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Less Than $22000	4	6	3	3	5	2	2	4	0	4	1	0	1	1	-0-	0	0	0	36

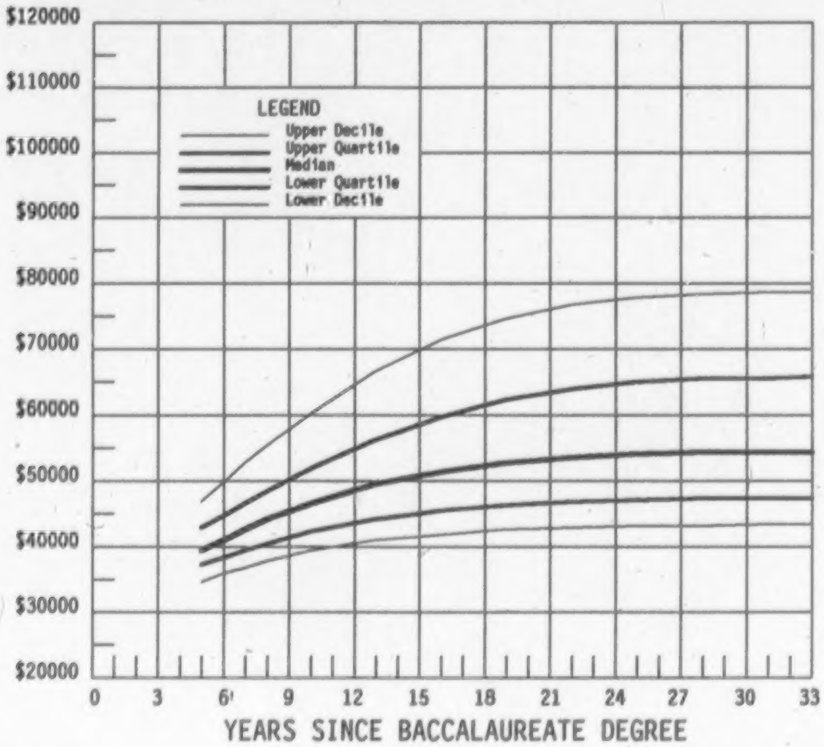
SALARY CURVES FOR ENGINEERS IN ELECTRICAL MACHINERY
ALL ENGINEERS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: ELECTRICAL MACHINERY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	30800	32700	34700	36750	38900	41050	43300	45550	47800	52150	58200	63200	66900	69400	70900	71700	72100	72250	58200
Upper Quartile	29700	31350	33050	34800	36550	38250	39950	41650	43300	46350	50300	53400	55600	57000	57850	58300	58500	58600	47600
Median	28800	30200	31600	33000	34300	35600	36850	38000	39150	41200	43700	45550	46800	47600	48050	48300	48400	48500	39750
Lower Quartile	27800	28950	30050	31100	32100	33100	34000	34850	35600	37000	38650	39850	40650	41150	41400	41550	41650	41650	33950
Lower Decile	26250	27250	28200	29100	29950	30700	31450	32100	32700	33750	34950	35750	36300	36650	36850	36950	37000	37000	30550
Mean	28750	30150	31600	33050	34500	35900	37300	38650	39950	42400	45500	47850	49500	50550	51200	51500	51700	51750	42500
Raw (Unsmoothed) Statistics																			
Upper Decile	31150	32950	34600	36350	38500	40600	42350	46050	47400	53650	59500	61850	70150	68150	67400	67900	70150	74400	58200
Upper Quartile	29950	31600	33000	34050	36900	37550	39900	42600	42900	46500	51150	52850	61000	52950	52900	59000	56500	60500	47600
Median	29050	30600	31300	32300	34450	35200	37450	39050	38700	41150	43300	45650	50000	46050	47600	48950	47000	47450	39750
Lower Quartile	28200	28950	29850	30500	31900	33050	34700	35800	35250	37100	38500	39050	41150	40650	41100	41900	40350	42100	33950
Lower Decile	26600	26750	28200	28550	30100	31350	32450	33100	32750	33350	33500	35300	36400	36950	37300	37050	35700	38050	30550
Mean	28750	30500	31450	32550	34500	35700	37500	39600	39400	42600	45250	47250	51550	49700	49950	51800	49750	52100	42500
Supporting Data																			
Total Number	51	76	99	99	78	94	94	98	83	191	176	138	98	109	73	102	54	132	1847
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Less Than $22000	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3

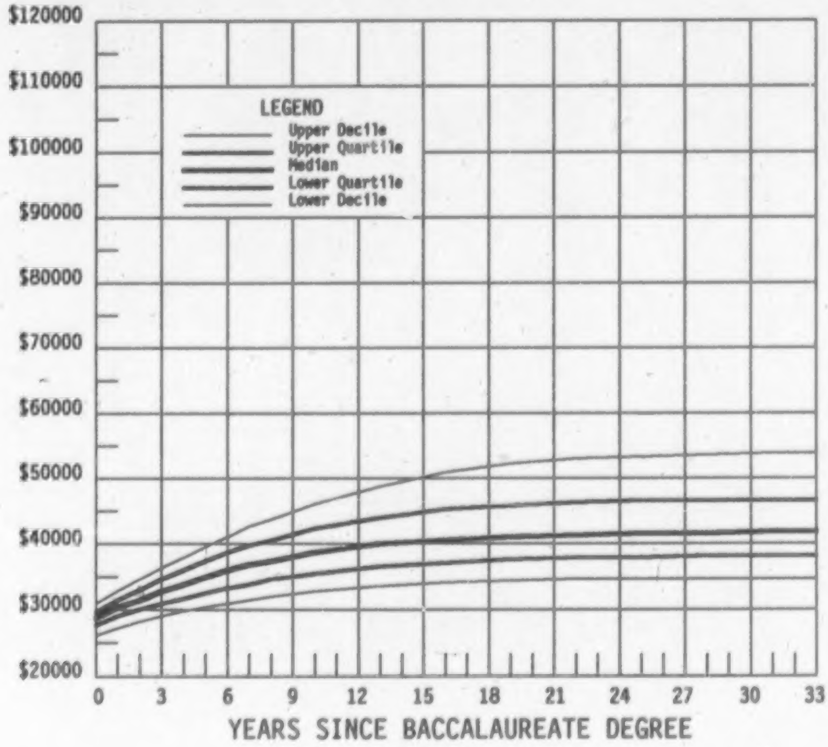
SALARY CURVES FOR ENGINEERS IN ELECTRICAL MACHINERY SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: ELECTRICAL MACHINERY, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	47050	49900	52700	55400	60400	66700	71450	74650	76700	77850	78450	78700	78800	71300
Upper Quartile	0	0	0	0	0	43050	44900	46750	48550	51900	56400	59850	62350	64000	65000	65500	65700	65850	60150
Median	0	0	0	0	0	39450	41150	42750	44200	46700	49600	51600	52850	53650	54100	54350	54450	54500	50050
Lower Quartile	0	0	0	0	0	37250	38450	39600	40600	42300	44250	45550	46400	46900	47200	47350	47400	47450	44100
Lower Decile	0	0	0	0	0	34750	35900	36900	37800	39350	40950	41950	42600	42950	43200	43300	43350	43350	39600
Mean	0	0	0	0	0	40150	41900	43600	45200	48100	51550	54050	55700	56800	57400	57700	57850	57900	53000
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	46850	50300	53600	51800	62800	64500	72250	73800	79000	80250	79050	75000	78750	71300
Upper Quartile	0	0	0	0	0	44400	43600	46750	47750	52900	56250	57750	66700	63400	61650	65150	69000	66850	60150
Median	0	0	0	0	0	39100	40550	43650	44000	46900	49750	50500	54650	51850	50950	57100	56650	55000	50050
Lower Quartile	0	0	0	0	0	35500	38650	41500	39500	43050	43200	44750	48250	46000	48000	48400	49450	46600	44100
Lower Decile	0	0	0	0	0	33100	35600	38600	37400	40200	39950	40800	44050	42500	43900	44750	45500	42350	39600
Mean	0	0	0	0	0	39600	41600	44650	44050	49050	50950	52700	57500	56800	56350	58450	58500	58400	53000
Supporting Data																			
Total Number	1	3	3	3	4	11	18	26	24	69	75	77	61	55	39	57	25	72	622
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

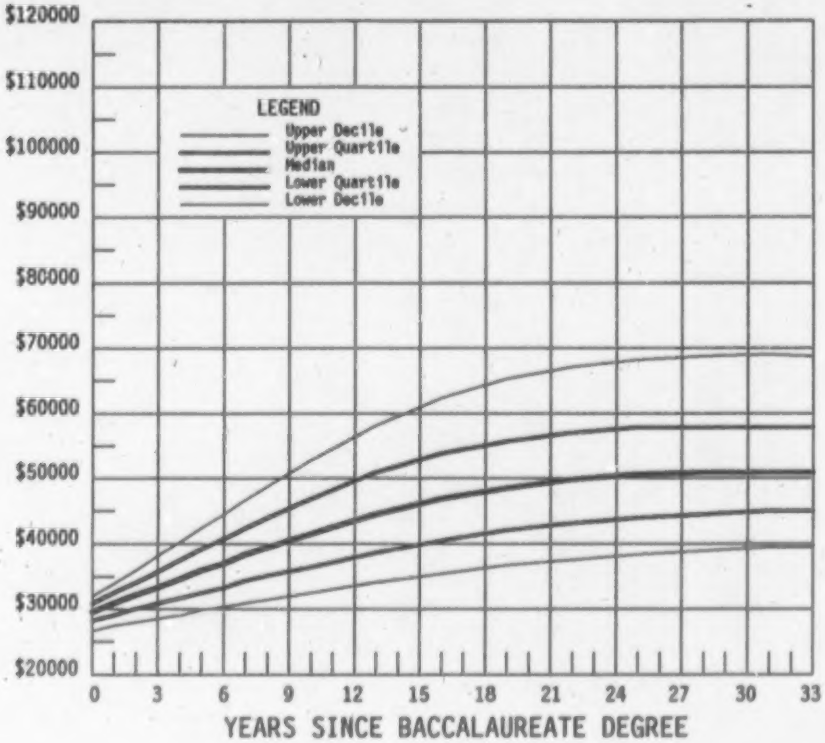
SALARY CURVES FOR ENGINEERS IN ELECTRICAL MACHINERY NON-SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: ELECTRICAL MACHINERY, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	30850	32700	34550	36300	38000	39600	41100	42550	43850	46150	48900	50850	52150	52950	53400	53650	53750	53800	45950
Upper Quartile	29700	31450	33100	34650	36100	37400	38600	39700	40650	42300	44100	45250	45950	46400	46600	46700	46750	46800	40700
Median	28850	30300	31600	32850	34000	35000	35900	36700	37450	38600	39900	40650	41150	41450	41600	41700	41750	41750	36100
Lower Quartile	27850	28950	30000	30950	31850	32650	33350	33950	34550	35450	36500	37150	37550	37800	37950	38050	38050	38100	32100
Lower Decile	26200	27200	28150	29000	29750	30400	31000	31550	32000	32800	33600	34100	34450	34600	34700	34750	34800	34800	29700
Mean	28650	30100	31500	32800	34000	35100	36100	37000	37850	39200	40750	41750	42400	42800	43000	43100	43150	43200	37150
Raw (Unsmoothed) Statistics																			
Upper Decile	31150	32750	34500	35750	38250	39600	40650	42950	43600	46250	51400	48650	51950	50600	53600	53500	50150	56000	45950
Upper Quartile	29950	31550	32950	33850	36750	37050	39100	40250	40350	42150	45000	45250	43900	45950	45500	48200	44750	47000	40700
Median	29050	30550	31250	32200	34300	34950	36700	37600	37100	38550	40000	39250	39950	41550	41000	41950	41550	42650	36100
Lower Quartile	28200	28850	29800	30450	31900	32850	34250	35100	34300	35100	36050	35800	36600	38100	37800	37500	38550	39500	32100
Lower Decile	26550	26650	28200	28450	30050	31150	32100	32100	32200	32200	32000	33350	34750	34550	35600	35500	35250	35350	29700
Mean	28750	30200	31300	32300	34300	35200	36500	37750	37500	38950	41000	40450	41650	42550	42600	43300	42150	44550	37150
Supporting Data																			
Total Number	50	73	96	96	74	83	76	72	59	123	101	61	37	54	34	45	29	60	1224
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3

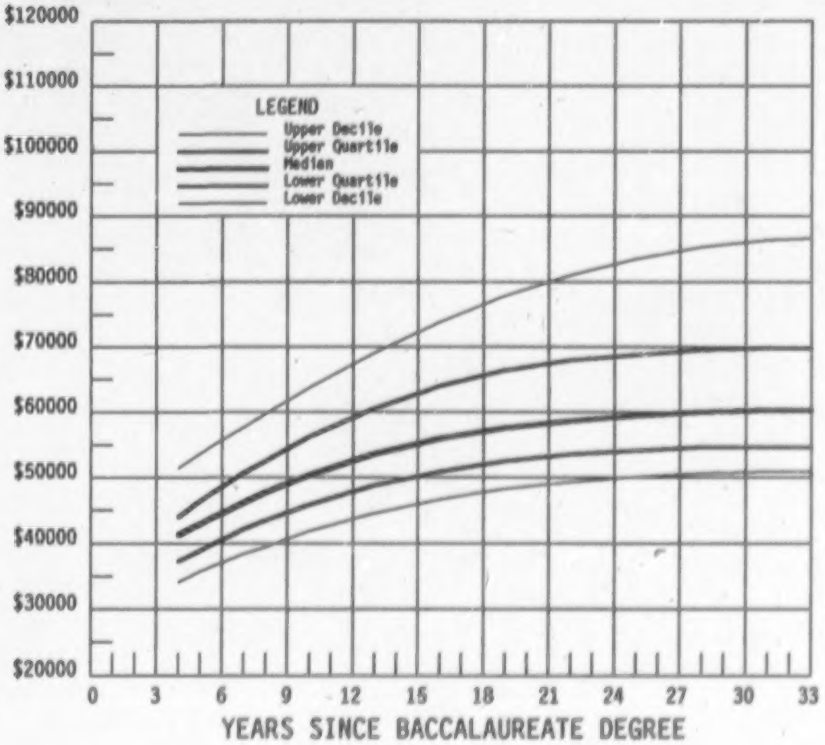
SALARY CURVES FOR ENGINEERS IN ELECTRONIC EQUIPMENT
ALL ENGINEERS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: ELECTRONIC EQUIPMENT

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32000	34000	36100	38200	40350	42500	44650	46800	48900	52900	58200	62350	65350	67250	68300	68800	68950	68850	59650
Upper Quartile	30900	32500	34200	35850	37550	39200	40850	42450	44050	47000	50850	53800	55850	57100	57750	57950	57900	57500	50700
Median	29700	30950	32200	33450	34650	35900	37100	38300	39450	41650	44500	46850	48600	49800	50550	50900	51050	50950	41000
Lower Quartile	28300	29200	30050	30900	31750	32600	33450	34300	35100	36600	38700	40550	42050	43200	44050	44650	45050	45450	33550
Lower Decile	26750	27350	28000	28550	29150	29750	30350	30900	31500	32600	34150	35500	36700	37700	38450	39000	39400	39600	30100
Mean	29600	30900	32200	33500	34800	36100	37400	38700	39950	42300	45550	48200	50300	51800	52750	53350	53600	53700	43800
Raw (Unsmoothed) Statistics																			
Upper Decile	32350	33850	35900	38200	40350	42750	45550	46900	48600	51200	55900	62850	67800	69250	70350	72200	66300	67100	59650
Upper Quartile	31250	32350	34050	35800	37250	39700	41550	42850	43950	45550	49050	53800	57850	58150	59200	59650	57100	55900	50700
Median	29800	30900	32200	33250	34600	36650	38050	38300	39300	39900	42550	47600	50300	50350	51250	52550	50600	49650	41000
Lower Quartile	28250	29350	30400	30750	31500	32850	34400	34200	34700	35050	37250	40850	43550	43500	45100	46350	44900	43900	33550
Lower Decile	26650	27950	28450	28550	28900	30200	30600	30650	31050	30550	32450	35900	38200	38850	39800	39550	39350	38450	30100
Mean	29700	30950	32300	33400	34600	36550	38200	38800	39700	40700	43700	48550	52250	52500	53950	55250	53000	52050	43800
Supporting Data																			
Total Number	702	877	925	809	670	687	645	506	450	956	852	1150	921	953	943	934	1368	1028	15461
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	7	13	5	30
Less Than $22000	2	5	3	3	5	2	2	4	0	4	1	0	1	1	0	0	0	0	32

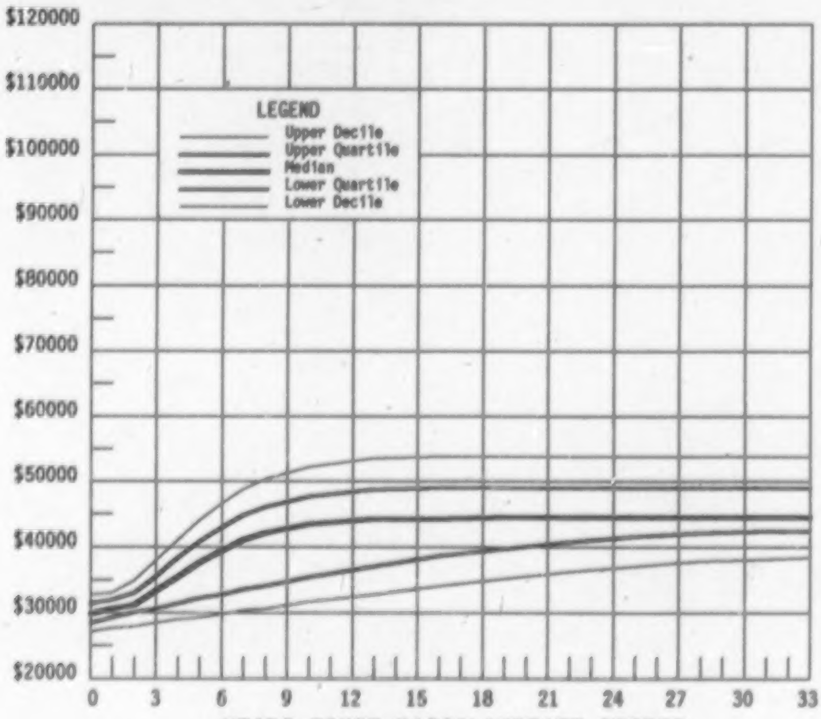
SALARY CURVES FOR ENGINEERS IN ELECTRONIC EQUIPMENT SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: ELECTRONIC EQUIPMENT, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	51450	53550	55650	57700	59750	63700	69150	73950	77950	81150	83600	85300	86450	87500	78950
Upper Quartile	0	0	0	0	44050	46350	48550	50650	52650	56250	60650	63950	66300	67900	68900	69550	69850	70100	66350
Median	0	0	0	0	41200	42950	44650	46200	47700	50350	53600	55950	57650	58800	59550	60000	60250	60450	57700
Lower Quartile	0	0	0	0	37300	38950	40500	42000	43400	45850	48850	51000	52500	53500	54150	54550	54750	54900	51700
Lower Decile	0	0	0	0	34200	35600	37000	38300	39500	41750	44550	46750	48300	49450	50200	50700	51000	51200	45700
Mean	0	0	0	0	42000	43750	45400	47050	48600	51550	55400	58550	61050	62900	64200	65100	65650	66100	61000
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	49100	53600	55850	59400	61000	63900	66950	72500	79550	82100	84050	88750	85100	88150	78950
Upper Quartile	0	0	0	0	44000	46150	51200	51700	49650	54300	61650	63850	66350	69550	70500	70750	68900	69750	66350
Median	0	0	0	0	41000	43350	46100	46450	46800	49250	53400	55600	58200	59800	60850	60850	59450	60750	57700
Lower Quartile	0	0	0	0	35350	41000	40600	42250	44100	45000	48250	50850	52800	53950	55000	55450	54850	54800	51700
Lower Decile	0	0	0	0	31200	38500	37100	38550	39000	41700	44950	46000	48350	49900	50700	51900	51400	51000	45700
Mean	0	0	0	0	40500	44800	46500	48050	47650	50550	55000	57950	61950	63400	64900	66700	65450	68000	61000
Supporting Data																			
Total Number	1	11	13	5	16	28	41	66	50	131	149	377	349	324	329	348	388	243	2857
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	7	13	5	30
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN ELECTRONIC EQUIPMENT NON-SUPERVISORS, ALL DEGREE LEVELS

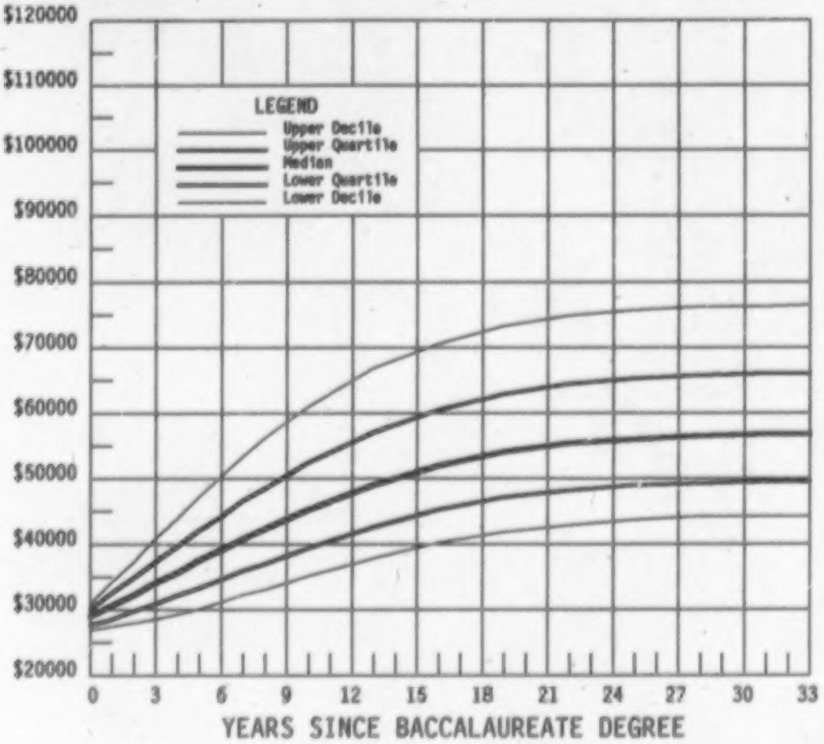


YEARS SINCE BACCALAUREATE DEGREE

ENGINEERING SALARY STATISTICS: ELECTRONIC EQUIPMENT, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32900	33100	34950	37900	41100	44100	46700	48800	50400	52350	53500	53800	53850	53900	53900	53900	53900	53900	52050
Upper Quartile	31450	32000	33050	35550	38300	40850	43050	44800	46150	47800	48750	49000	49050	49050	49050	49050	49050	49050	46300
Median	29900	30600	31200	33300	35550	37700	39500	40950	42050	43350	44150	44350	44400	44400	44400	44400	44400	44400	38400
Lower Quartile	28600	29350	30050	30800	31500	32200	32900	33550	34200	35450	37150	38600	39800	40800	41500	42050	42400	42850	32400
Lower Decile	27200	27600	28050	28500	28950	29400	29850	30300	30750	31650	32900	34150	35250	36250	37100	37800	38250	38500	29550
Mean	29900	30500	31200	33300	35550	37700	39500	41000	42100	43450	44250	44500	44500	44550	44550	44550	44550	44550	39850
Raw (Unsmoothed) Statistics																			
Upper Decile	32350	33850	35800	38200	40050	42100	43900	45300	47100	48500	51100	52700	56750	55950	57650	58000	57250	56850	52050
Upper Quartile	31250	32350	33950	35750	37100	39400	40950	41550	42700	43400	46050	48900	51150	51450	52000	52900	52350	52000	46300
Median	29800	30900	32150	33250	34500	36450	37750	37500	38550	38800	40700	43700	46300	46550	48050	48700	48200	47850	38400
Lower Quartile	28200	29300	30350	30750	31450	32700	34150	33650	34200	34100	36150	38800	40550	41300	42250	42000	42450	42000	32400
Lower Decile	26650	27950	28450	28550	28900	30150	30400	30350	30750	30100	31850	33750	35900	37200	38650	38100	38300	37400	29550
Mean	29700	30900	32200	33350	34450	36200	37650	37650	38700	39100	41250	43950	46350	46950	48050	48450	48050	47700	39850
Supporting Data																			
Total Number	701	867	912	805	654	660	605	530	400	826	701	771	574	631	614	586	978	785	12607
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	2	5	3	3	5	2	2	4	0	4	1	0	1	1	0	0	0	0	32

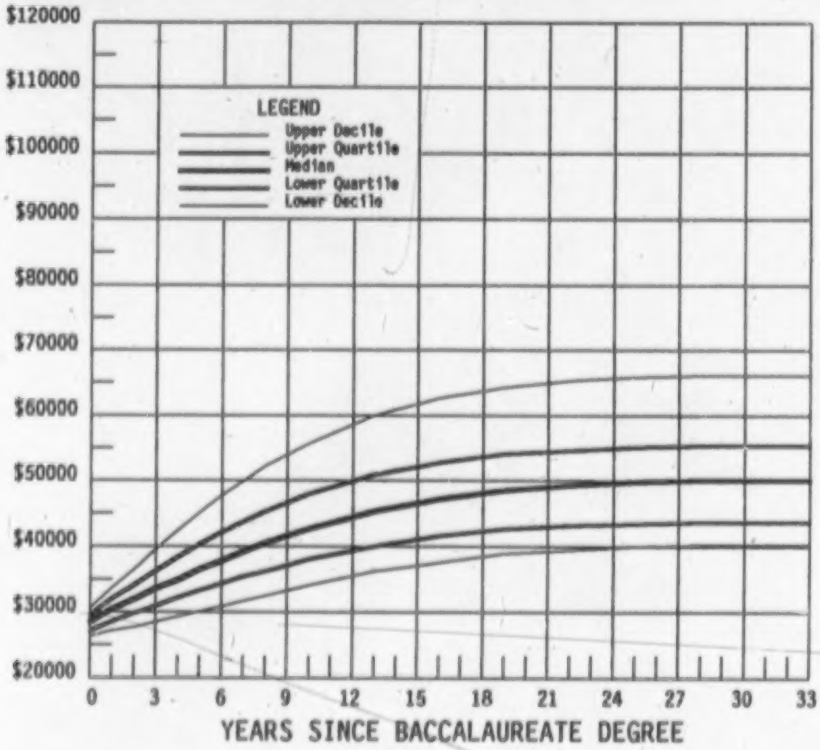
SALARY CURVES FOR ENGINEERS IN COMPUTERS
ALL ENGINEERS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: COMPUTERS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	30900	34150	37450	40800	44100	47300	50450	53400	56200	61100	66850	70800	73350	74900	75750	76200	76400	76500	68350
Upper Quartile	30150	32550	34950	37350	39750	42100	44350	46550	48600	52450	57150	60650	63050	64550	65450	65900	66100	66200	56050
Median	29000	30700	32400	34100	35850	37550	39200	40850	42400	45350	49100	52000	54000	55350	56100	56500	56700	56800	46000
Lower Quartile	27600	28650	29800	30950	32200	33450	34700	35950	37200	39600	42750	45300	47150	48350	49100	49450	49650	49700	37850
Lower Decile	26900	27350	27900	28600	29400	30250	31150	32150	33100	35100	37850	40150	41900	43050	43750	44150	44300	44400	31650
Mean	28800	30700	32600	34550	36450	38350	40200	42000	43750	46950	51050	54200	56400	57800	58600	59050	59250	59350	48350
Raw (Unsmoothed) Statistics																			
Upper Decile	30750	33400	40800	37950	44600	49100	51950	51900	58400	65400	57000	74000	67100	72600	75450	68400	99000	76400	68350
Upper Quartile	29400	31600	39000	36700	40250	41400	50400	46250	48500	52450	51050	63600	57500	60750	70000	63750	74000	67000	56050
Median	27900	30500	34000	34250	38000	37650	41900	39950	42700	46500	42650	51500	50250	52500	59000	57200	60000	60650	46000
Lower Quartile	26850	28850	30000	30850	33000	33850	36250	37250	38750	38600	38550	46500	44750	43250	51500	50250	53400	51750	37850
Lower Decile	26200	27300	28800	28750	28800	31550	32200	32200	33400	35700	34500	41000	38300	39350	47600	44900	47900	43700	31650
Mean	28150	30400	34600	33800	37050	39050	42150	41350	44650	48300	45200	55650	51900	53600	60500	57200	68000	61650	48350
Supporting Data																			
Total Number	19	13	12	21	18	23	21	21	34	53	45	30	41	37	24	29	22	19	487
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

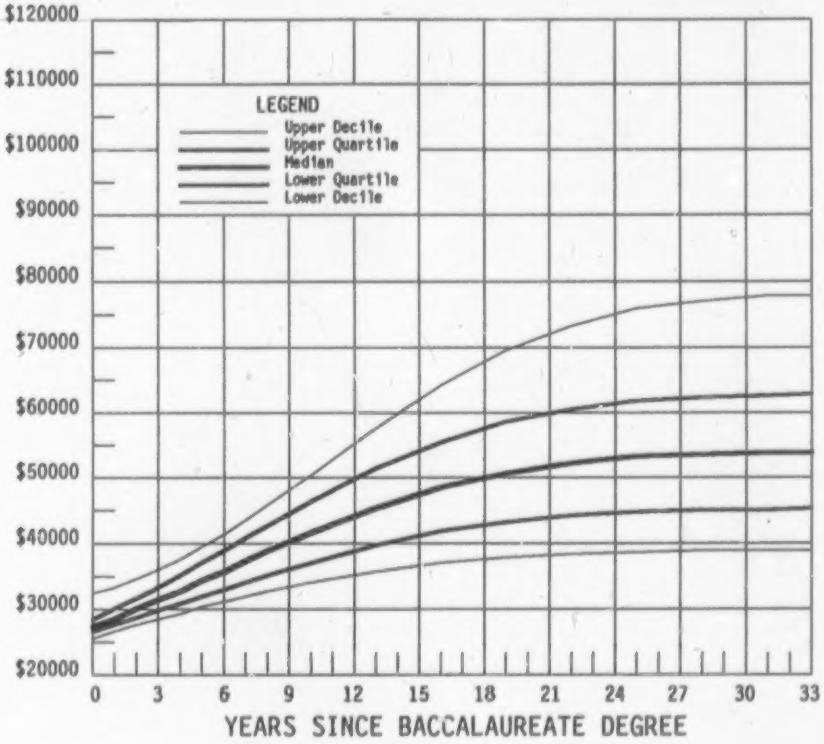
SALARY CURVES FOR ENGINEERS IN COMPUTERS
NON-SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: COMPUTERS, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	30700	33650	36650	39550	42350	45050	47600	49950	52150	55850	59950	62650	64300	65300	65850	66100	66250	66300	59500
Upper Quartile	29600	31900	34150	36300	38400	40350	42150	43800	45350	47950	50850	52800	54050	54750	55200	55400	55500	55550	50150
Median	28600	30300	31900	33500	35050	36550	37950	39250	40500	42700	45350	47250	48550	49350	49800	50000	50150	50200	41000
Lower Quartile	27200	28500	29800	31000	32200	33300	34400	35400	36350	38050	40100	41550	42550	43200	43550	43750	43800	43850	35150
Lower Decile	26450	27150	27850	28650	29400	30250	31050	31850	32650	34150	36150	37700	38800	39500	39900	40150	40250	40300	30250
Mean	28450	30300	32150	33900	35600	37200	38700	40150	41450	43800	46550	48450	49750	50500	50950	51200	51300	51350	43800
Raw (Unsmoothed) Statistics																			
Upper Decile	30750	33400	0	38000	45500	44300	43100	51800	60000	57600	51700	51950	64200	54800	80000	72400	117500	76000	59500
Upper Quartile	29400	31600	0	36500	39950	39700	41750	43250	48100	49400	45300	50400	52400	51500	62000	65650	63000	66000	50150
Median	27900	30500	0	34000	37500	36350	38000	39500	42000	41750	40800	47000	48100	48200	56000	57000	55250	60000	41000
Lower Quartile	26850	28850	0	30650	33500	33150	34000	36500	38250	37000	37100	41750	42700	40100	47750	49250	48700	52250	35150
Lower Decile	26200	27300	0	28650	29000	31250	31200	31800	33000	35050	33650	38600	35950	38500	44000	43700	47200	50000	30250
Mean	28150	30400	0	33650	37050	37150	37600	40500	44100	44250	41800	45950	48600	46700	56700	57650	65550	60050	43800
Supporting Data																			
Total Number	19	13	9	20	15	19	12	18	30	36	33	14	29	18	10	19	13	10	334
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

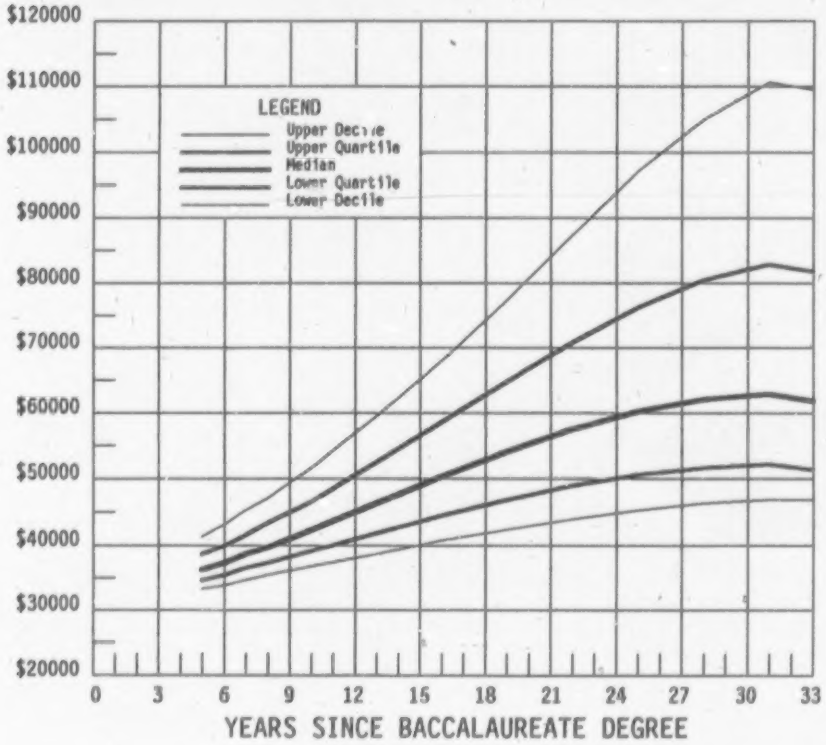
SALARY CURVES FOR ENGINEERS IN FABRICATED METAL PRODUCTS
ALL ENGINEERS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: FABRICATED METAL PRODUCTS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32500	33450	34650	36050	37650	39450	41450	43550	45750	50450	57600	64250	69600	73450	75900	77200	77800	78100	60400
Upper Quartile	28450	30000	31700	33450	35250	37050	38950	40800	42700	46350	51400	55500	58550	60600	61850	62500	62800	62950	50950
Median	27400	28650	30000	31400	32850	34350	35800	37300	38800	41650	45450	46550	50800	52300	53200	53650	53900	54000	42000
Lower Quartile	26750	27750	28750	29800	30900	32000	33050	34150	35200	37150	39750	41800	43250	44200	44750	45050	45200	45250	34100
Lower Decile	25600	26600	27600	28550	29450	30350	31200	32000	32800	34150	35850	37050	37900	38400	38700	38900	38950	39000	29850
Mean	28750	29650	30700	31900	33200	34550	36000	37450	39000	42000	46350	50000	52800	54750	55900	56500	56800	56950	44500
Raw (Unsmoothed) Statistics																			
Upper Decile	35900	33200	31700	35900	37400	39400	43650	46250	46600	51050	56700	59850	64950	71500	78000	85750	90250	78800	60400
Upper Quartile	30750	30650	29850	32050	34200	36300	40800	43350	43900	46850	51950	52400	58900	61000	62000	65500	62600	59800	50950
Median	29100	29100	28750	30300	32300	33900	36550	38800	39650	42150	45750	46400	52350	53400	52250	52550	55600	52150	42000
Lower Quartile	28050	28050	27500	28850	30950	32100	33650	36050	35350	37750	37950	39650	46200	45000	43900	46000	47600	43200	34100
Lower Decile	26600	26400	26500	28000	30200	30500	32100	32650	34100	33750	34600	34950	40500	39400	38000	39300	42400	37250	29850
Mean	31050	29450	29000	31100	33100	34400	37250	39450	39750	42350	45500	47550	52600	54700	55700	58750	61300	56100	44500
Supporting Data																			
Total Number	51	63	114	83	96	115	121	110	103	261	206	175	176	165	130	107	59	119	2254
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	2	7
Less Than $22000	1	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	4

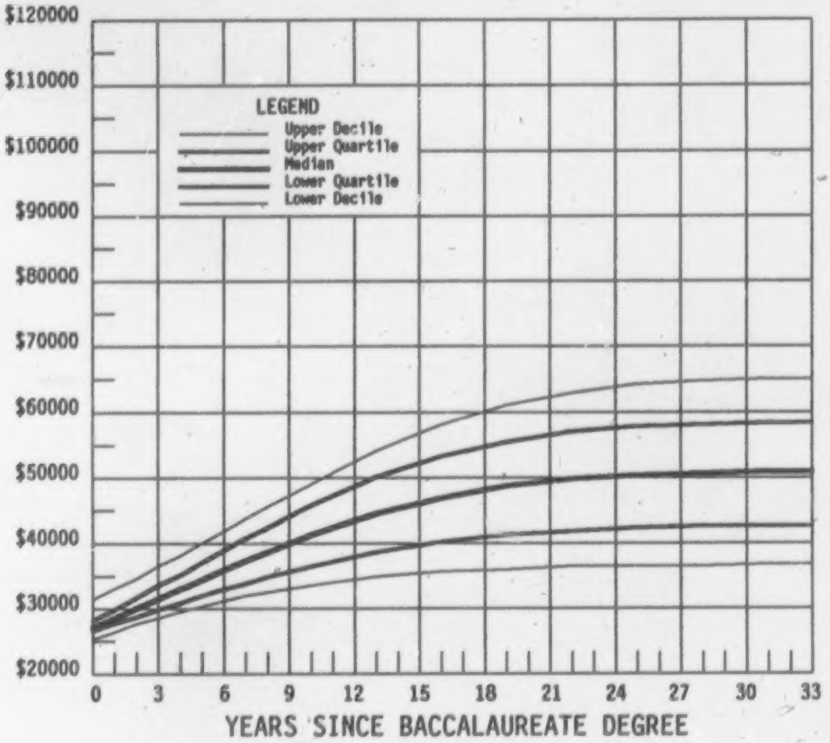
SALARY CURVES FOR ENGINEERS IN FABRICATED METAL PRODUCTS SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: FABRICATED METAL PRODUCTS, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	41400	43250	45250	47300	51800	59350	67950	77450	87350	97000	105200	110700	106400	83100
Upper Quartile	0	0	0	0	0	38600	40100	41700	43350	46800	52500	58550	64850	70950	76400	80550	82950	78700	64750
Median	0	0	0	0	0	36200	37400	38600	39800	42350	46300	50300	54100	57550	60300	62150	62850	59250	51550
Lower Quartile	0	0	0	0	0	34600	35500	36400	37300	39150	41900	44550	47000	49050	50700	51750	52150	49950	43550
Lower Decile	0	0	0	0	0	33350	34000	34700	35350	36750	38750	40700	42500	44050	45400	46400	47000	46600	37750
Mean	0	0	0	0	0	36750	38000	39350	40700	43600	48150	52900	57700	62300	66350	69500	71450	69350	57500
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	42500	42200	50900	41600	52800	59300	70200	71450	86750	96750	110000	131650	101650	83100
Upper Quartile	0	0	0	0	0	39500	40000	40800	40000	49850	52600	58750	62750	74000	74750	78000	87500	78650	64750
Median	0	0	0	0	0	37000	37600	37850	38000	44400	46350	49100	52250	61800	58000	64000	61350	59200	51550
Lower Quartile	0	0	0	0	0	35650	36400	36400	35600	38600	41450	44400	47600	53000	50850	47000	51500	51000	43550
Lower Decile	0	0	0	0	0	34650	35200	33400	34650	36150	37950	41400	44200	45200	44450	44150	46600	47350	37750
Mean	0	0	0	0	0	37750	38200	39750	38000	44650	47750	54000	55550	64450	65250	68650	74850	68900	57500
Supporting Data																			
Total Number	0	0	1	1	7	10	12	17	16	33	39	49	54	56	53	44	26	48	466
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	2	7
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

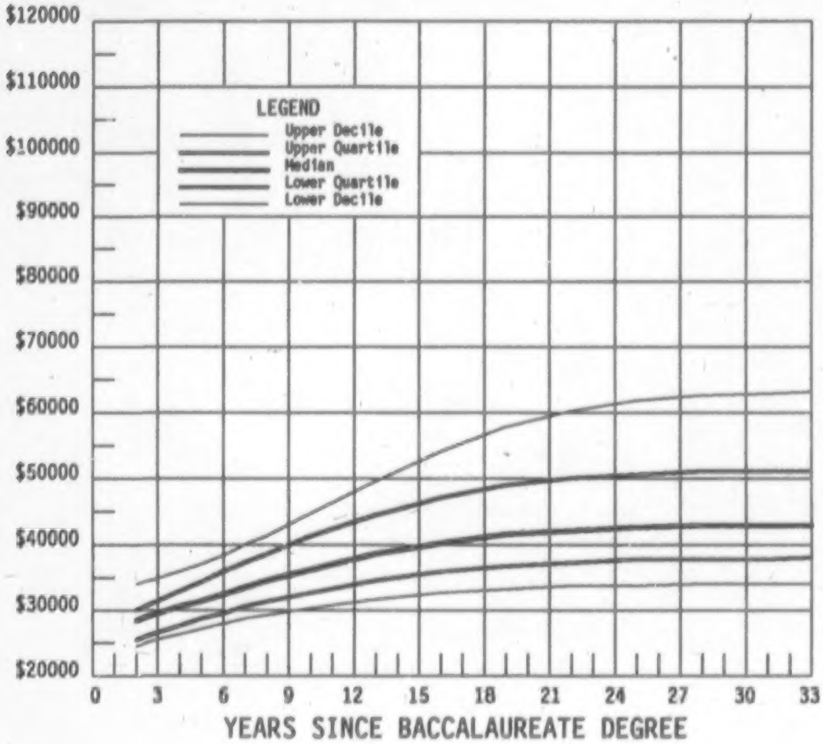
SALARY CURVES FOR ENGINEERS IN FABRICATED METAL PRODUCTS NON-SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: FABRICATED METAL PRODUCTS, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	31450	33000	34650	36400	38200	40000	41850	43700	45600	49200	54100	58150	61100	63050	64250	64850	65150	65300	55350
Upper Quartile	28150	29900	31650	33500	35300	37150	38950	40750	42500	45750	50000	53250	55500	56950	57800	58200	58400	58450	47950
Median	27100	28550	30050	31500	33000	34500	35950	37350	38750	41300	44550	47000	48750	49800	50400	50700	50850	50900	39450
Lower Quartile	26550	27700	28800	29900	30950	32000	73000	34000	34900	36600	38650	40200	41250	41950	42350	42550	42650	42700	32650
Lower Decile	25350	26500	27600	28650	29600	30450	31250	31950	32600	33650	34850	35600	36100	36400	36600	36650	36700	36700	29250
Mean	28100	29400	30700	32050	33400	34800	36150	37500	38800	41250	44450	46950	48750	49950	50600	51000	51150	51200	41100
Raw (Unsmoothed) Statistics																			
Upper Decile	35900	33200	31550	35600	37050	38950	43850	46000	46900	50300	55700	57350	62850	61250	61750	66800	62150	59950	55350
Upper Quartile	30750	30650	29800	31950	33750	35800	40950	43500	44550	48500	51750	50950	57550	56200	55100	58150	58200	54600	[illegible]
Median	29100	29100	28750	30250	32050	33600	38100	39250	41200	41950	45550	45150	52400	49900	48500	50200	49800	46050	[illegible]
Lower Quartile	28050	28050	27500	28850	30850	31950	33400	35800	35300	37600	37250	37350	44850	42450	41400	43900	44400	40050	[illegible]
Lower Decile	26600	26400	26500	28000	30150	30450	32000	32600	33800	33300	34200	34250	38600	37900	35150	37150	36600	34850	29250
Mean	31050	29450	28800	30950	32850	34100	37150	39400	40050	42000	44950	45000	51250	49750	49150	51850	50650	47400	41100
Supporting Data																			
Total Number	51	63	113	82	89	105	109	93	87	228	167	126	122	109	77	63	33	71	1788
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	1	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	4

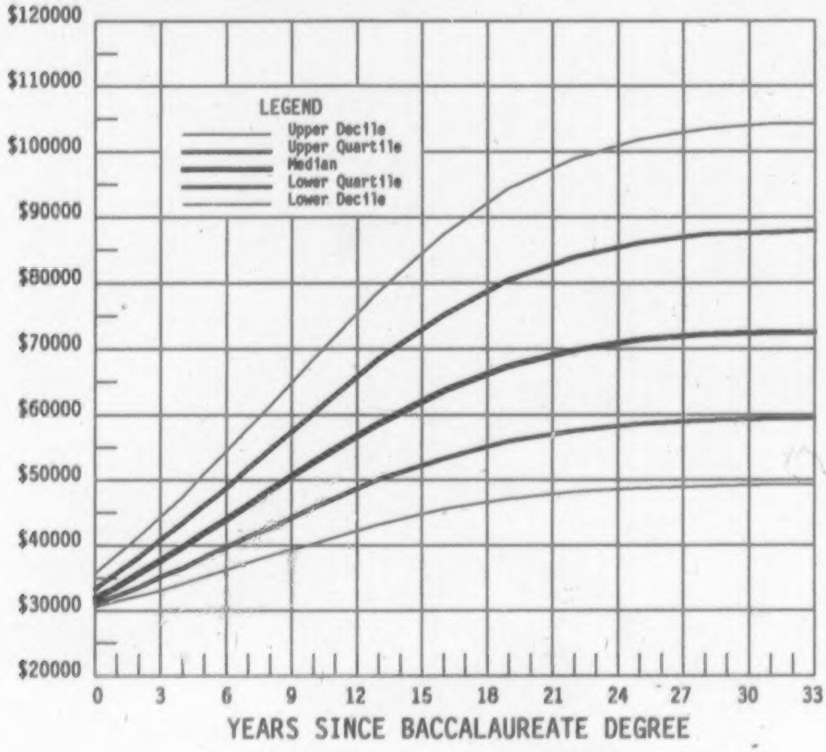
SALARY CURVES FOR ENGINEERS IN NON-ELECTRICAL MACHINERY
ALL ENGINEERS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: NON-ELECTRICAL MACHINERY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	34200	35000	35950	37150	38450	39900	41450	44750	49700	54200	57750	60250	61800	62650	63050	63250	53850
Upper Quartile	0	0	30100	31550	33050	34500	35950	37400	38750	41300	44600	47150	48950	50100	50750	51150	51300	51400	45650
Median	0	0	28450	29500	30600	31600	32650	33650	34600	36350	38600	40300	41500	42250	42700	42950	43050	43100	37700
Lower Quartile	0	0	25700	26750	27750	28750	29650	30550	31400	32900	34700	36000	36900	37450	37750	37950	38000	38050	32750
Lower Decile	0	0	24550	25500	26400	27200	28000	28700	29350	30500	31850	32750	33350	33750	33950	34050	34100	34150	28450
Mean	0	0	29150	30050	31000	32000	33050	34100	35150	37250	40100	42400	44100	45250	45950	46300	46450	46550	40250
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	37000	30000	0	0	0	0	43400	46800	46800	55100	61200	51800	64000	59600	74800	59600	53850
Upper Quartile	0	0	31600	28500	0	0	0	0	39500	42500	44750	46250	51500	44750	47000	52450	59000	51900	45650
Median	0	0	29500	27200	0	0	0	0	36000	36500	41300	38500	40400	36000	42500	50400	41500	47300	37700
Lower Quartile	0	0	25900	26200	0	0	0	0	32000	32500	35500	36400	35000	34250	38000	47750	37250	37500	32750
Lower Decile	0	0	24750	25000	0	0	0	0	30800	29200	31550	34850	32250	31400	33350	38300	34600	33300	28450
Mean	0	0	30500	27400	0	0	0	0	36100	37350	40550	42950	43750	40750	44250	51500	48400	46700	40250
Supporting Data																			
Total Number	4	2	15	10	4	8	9	6	12	22	23	36	24	14	20	11	13	23	256
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

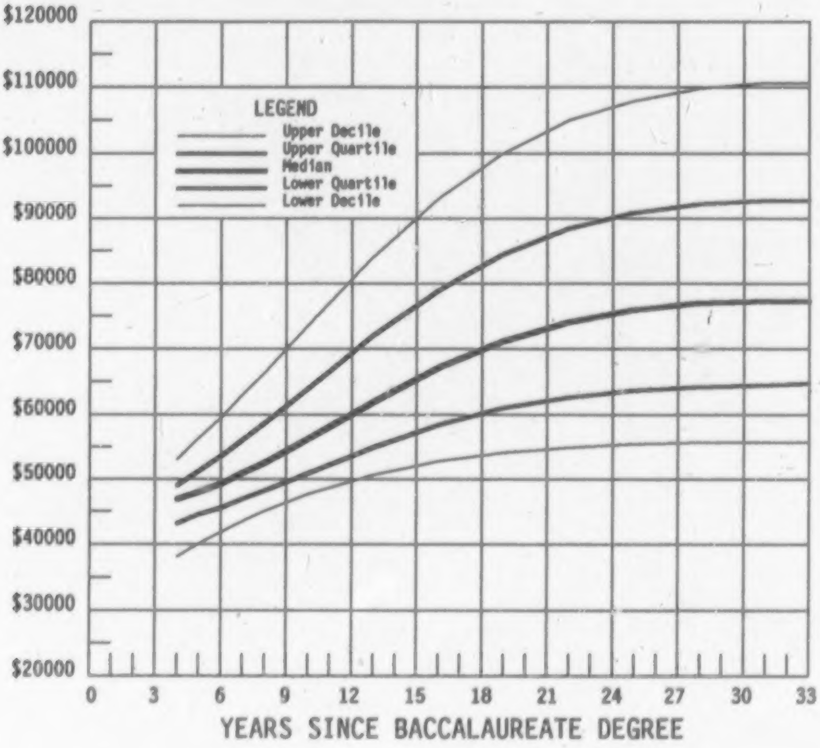
SALARY CURVES FOR ENGINEERS IN PETROLEUM
ALL ENGINEERS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: PETROLEUM

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	35700	38450	41300	44350	47550	50850	54300	57800	61350	68500	78700	87500	94300	99000	101900	103400	104150	104500	84800
Upper Quartile	33450	35750	38150	40700	43350	46100	48900	51800	54650	60400	68500	75300	80500	84050	86200	87350	87850	88150	67050
Median	31900	33700	35650	37650	39700	41850	44050	46250	48450	52750	58750	63700	67350	69850	71350	72150	72500	72700	52100
Lower Quartile	31100	32350	33700	35100	36600	38100	39650	41250	42800	45850	50050	53450	55950	57650	58650	59150	59400	59500	42300
Lower Decile	30600	31350	32200	33100	34100	35100	36200	37250	38300	40400	43200	45500	47150	48200	48850	49200	49350	49450	36400
Mean	32350	34200	36150	38200	40350	42550	44800	47100	49400	53950	60350	65650	69700	72400	74050	74900	75300	75500	57000
Raw (Unsmoothed) Statistics																			
Upper Decile	35300	38800	41900	44950	46650	49500	55250	59050	61900	70200	77250	83650	88950	94000	99800	111500	106600	116450	84800
Upper Quartile	33400	35100	37900	41350	43200	46050	49950	53250	55600	59850	66500	72050	76900	82300	88200	92050	92850	94550	67050
Median	32050	33000	34500	37200	39800	42400	46100	47950	50250	50750	56150	60900	65800	68650	73150	77350	76600	77750	52100
Lower Quartile	30800	31500	32500	34800	37000	39100	41800	43350	44400	42800	47850	51900	55800	58750	59750	63600	60350	61650	42300
Lower Decile	30050	30150	30950	32850	34700	36750	38650	38750	37850	38050	41100	44900	45050	49300	49900	54400	49800	52050	36400
Mean	32250	33500	35600	38350	40450	42750	46450	48600	50200	52600	58400	63000	66850	71250	75000	80550	78650	81400	57000
Supporting Data																			
Total Number	119	175	175	173	359	576	518	446	397	1011	803	605	544	454	336	313	217	408	7639
$125,000 or More	0	0	0	0	0	0	0	0	0	0	1	2	1	4	3	14	7	22	54
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

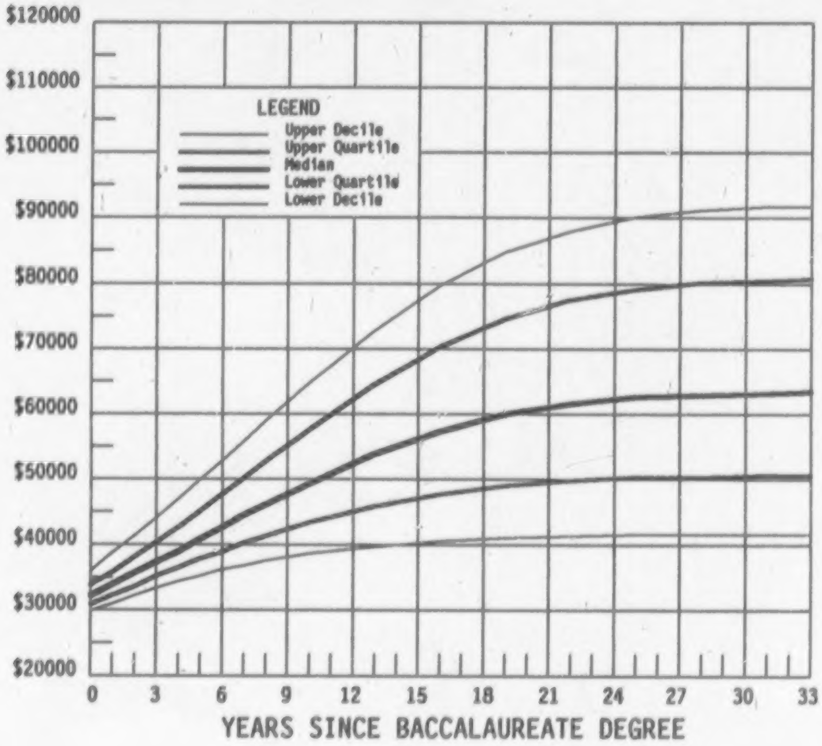
SALARY CURVES FOR ENGINEERS IN PETROLEUM SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: PETROLEUM, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	53150	56250	59550	62950	66450	73550	83900	93000	100100	105050	108100	109750	110550	110900	96350
Upper Quartile	0	0	0	0	49150	51300	53650	56100	58700	64050	71950	79050	84650	88550	90950	92250	92850	93150	80550
Median	0	0	0	0	47000	48050	49350	50900	52550	56200	61900	67100	71200	74150	75950	76950	77400	77600	64700
Lower Quartile	0	0	0	0	43300	44400	45600	46850	48200	50950	54950	58400	61000	62750	63800	64350	64650	64750	54600
Lower Decile	0	0	0	0	38150	40050	41800	43500	45000	47650	50700	52800	54150	54950	55450	55700	55800	55850	48750
Mean	0	0	0	0	46500	48250	50200	52200	54300	58600	64950	70500	74800	77750	79600	80550	81000	81250	69800
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	60800	51450	58900	63750	65400	77450	84550	88650	92950	97850	107050	117700	113900	122100	96350
Upper Quartile	0	0	0	0	49250	48700	53150	57000	58700	67500	70600	74700	81500	84700	91100	94850	95550	100900	80550
Median	0	0	0	0	45200	45600	49200	51950	53650	57950	61850	63500	67900	70200	75450	70350	81800	84250	64700
Lower Quartile	0	0	0	0	41500	41400	46300	48000	49900	51700	54450	55650	60600	60550	63300	68100	66000	66200	54600
Lower Decile	0	0	0	0	37600	37050	42550	44400	47250	47700	50350	50950	54250	52300	56950	58100	57600	55450	48750
Mean	0	0	0	0	47700	44900	50250	53100	54800	60600	64950	67000	71700	73850	78950	84350	83550	87150	69800
Supporting Data																			
Total Number	0	0	1	3	18	56	101	115	149	366	374	337	304	296	238	222	150	277	3011
$125,000 or More	0	0	0	0	0	0	0	0	0	0	1	2	1	4	3	14	7	22	54
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

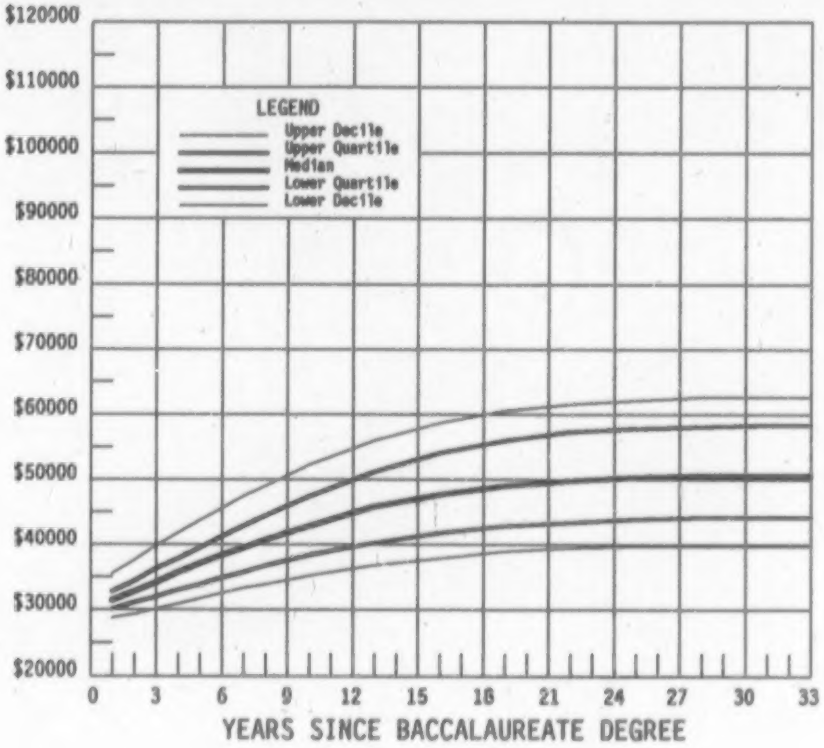
SALARY CURVES FOR ENGINEERS IN PETROLEUM NON-SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: PETROLEUM, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	36000	38550	41250	44000	46900	49850	52800	55850	58850	64750	72900	79650	84700	88100	90150	91250	91750	92000	70200
Upper Quartile	33750	35850	38050	40350	42700	45150	47650	50200	52700	57700	64600	70350	74650	77550	79300	80250	80650	80850	54900
Median	32300	33950	35600	37300	39050	40850	42600	44400	46100	49450	53850	57350	59900	61550	62550	63050	63300	63450	44850
Lower Quartile	30900	32300	33700	35100	36450	37750	39000	40200	41350	43400	45900	47750	49000	49800	50300	50500	50650	50700	38750
Lower Decile	29750	31050	32250	33350	34400	35300	36150	36900	37550	38650	39800	40600	41050	41350	41500	41600	41650	41650	33900
Mean	32500	34250	36100	37950	39800	41700	43600	45500	47350	50850	55550	59250	61900	63650	64700	65250	65500	65650	48650
Raw (Unsmoothed) Statistics																			
Upper Decile	35300	38800	41650	44800	46200	49250	54500	57200	59000	63450	72200	76250	82750	86800	91100	94400	96150	94100	70200
Upper Quartile	33400	35100	37800	41300	42850	45650	49200	51600	53250	55000	61300	69400	73100	78450	81700	87100	87500	83950	54900
Median	32050	33000	34500	37200	39650	42150	45250	46350	46500	45550	49700	56000	59700	66300	64350	69650	68000	67650	44850
Lower Quartile	30800	31500	32500	34800	36900	39000	41050	42200	41400	40250	43650	46100	47600	53900	48800	58150	48900	[illegible]	38750
Lower Decile	30050	30150	30900	32950	34600	36750	38300	37900	36200	36750	38300	39650	39400	42800	40800	43100	44800	[illegible]	33900
Mean	32250	33500	35500	38250	40050	42550	45500	47000	47300	48100	52800	57650	60750	65800	65600	71050	68350	69600	48650
Supporting Data																			
Total Number	119	175	174	170	342	519	415	332	248	646	427	266	238	154	97	91	66	130	4624
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

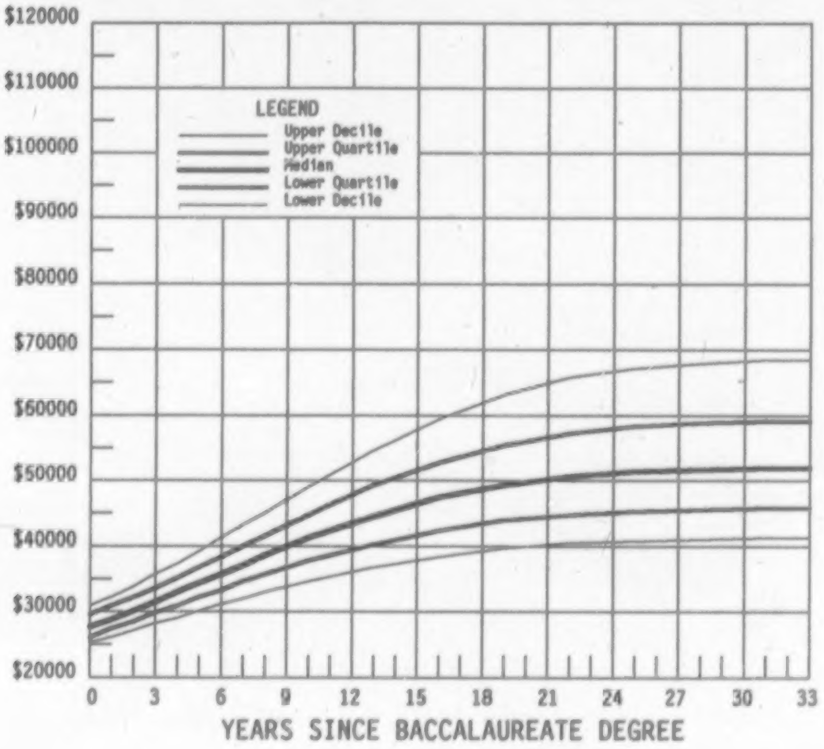
SALARY CURVES FOR ENGINEERS IN PRECISION INSTRUMENTS
ALL ENGINEERS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: PRECISION INSTRUMENTS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	35550	37650	39750	41800	43750	45650	47450	49150	52200	55900	58600	60450	61600	62250	62800	62750	62800	57300
Upper Quartile	0	32900	34500	36200	37900	39600	41300	42950	44550	47500	51300	54150	56050	57250	57900	58250	58350	58450	50050
Median	0	31450	32850	34250	35600	36950	38300	39550	40800	43000	45750	47750	49100	49900	50350	50550	50650	50700	41300
Lower Quartile	0	30200	31150	32100	33050	34000	34950	35850	36700	38300	40350	41850	42950	43600	44000	44250	44300	44350	35200
Lower Decile	0	28700	29450	30200	30950	31750	32500	33200	33900	35200	36850	38000	38850	39350	39650	39750	39850	39850	31500
Mean	0	31800	33200	34600	36000	37350	38700	39950	41200	43450	46300	48450	49950	50900	51450	51750	51900	51950	43400
Raw (Unsmoothed) Statistics																			
Upper Decile	0	33750	44000	37600	43250	44450	43700	0	0	51050	55700	0	62650	59600	56000	58000	63000	60200	57300
Upper Quartile	0	32800	35500	35650	37500	40050	39900	0	0	48350	51900	0	60650	53750	53750	55250	58500	61000	50050
Median	0	31200	33500	34650	35250	37000	37400	0	0	43600	44750	0	53000	48500	48500	50000	50500	51200	41300
Lower Quartile	0	29600	32250	33000	33150	32500	36300	0	0	30900	35500	0	45500	40600	44750	42500	43600	47000	35200
Lower Decile	0	28650	30000	31200	29500	30450	34200	0	0	38150	32200	0	38000	38150	41000	38000	39500	41600	31500
Mean	0	31250	34250	35050	36100	36000	38750	0	0	43800	44500	0	51400	49100	48850	48950	52750	54750	43400
Supporting Data																			
Total Number	1	16	10	12	15	17	11	7	8	23	11	7	10	11	10	10	15	24	218
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

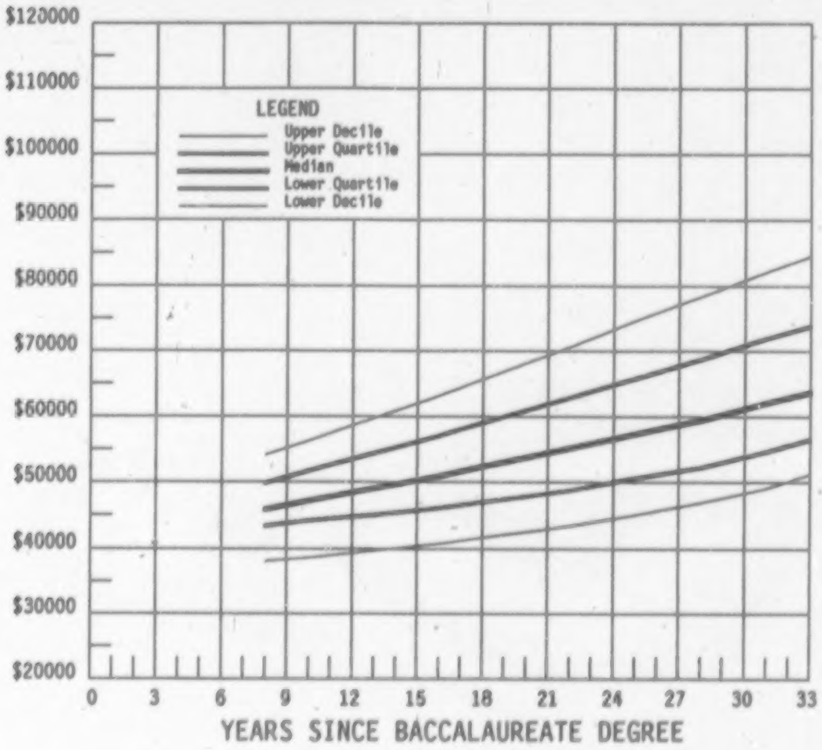
SALARY CURVES FOR ENGINEERS IN OTHER DURABLE GOODS MANUFACTURING ALL ENGINEERS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: OTHER DURABLE GOODS MANUFACTURING

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	30900	32350	33900	35600	37400	39250	41200	43150	45150	49150	54800	59600	63250	65750	67250	68050	68400	68600	60350
Upper Quartile	29600	30900	32250	33700	35200	36800	38400	40000	41650	44850	49250	52850	55550	57350	58450	59050	59300	59400	52250
Median	27600	28900	30200	31600	33000	34400	35800	37200	38550	41200	44650	47350	49300	50600	51350	51750	51950	52050	44200
Lower Quartile	26200	27400	28600	29800	31000	32200	33400	34550	35650	37750	40400	42450	43900	44850	45400	45700	45850	45900	37550
Lower Decile	25300	26250	27200	28200	29200	30150	31150	32050	33000	34700	36850	38500	39700	40450	40850	41100	41200	41250	32450
Mean	27950	29150	30450	31800	33200	34600	36050	37450	38900	41650	45400	48400	50600	52050	52950	53400	53600	53700	45800
Raw (Unsmoothed) Statistics																			
Upper Decile	31400	31700	33600	35800	36950	40250	40950	43300	44700	51150	52600	58350	61300	64200	67400	72500	71200	70450	60350
Upper Quartile	29800	30450	31850	33800	35250	37500	38750	41100	41150	44950	48900	50950	55350	55150	58500	62600	62000	60750	52250
Median	27800	27650	30050	31800	33400	34950	36150	38400	38950	40700	43950	45900	49200	49650	51600	53250	53450	53550	44200
Lower Quartile	26700	28400	28400	29800	30850	32650	33800	35600	36450	37500	39550	41200	44100	43700	46000	47300	46150	47150	37550
Lower Decile	26050	25200	26900	28300	28200	30450	32150	33250	34300	34850	35100	37000	39750	40550	41550	42350	40300	42850	32450
Mean	28250	28400	30150	31950	33050	35250	36250	38350	39150	42000	44250	47000	50200	50500	53050	55500	56950	55050	45800
Supporting Data																			
Total Number	22	30	75	70	57	78	93	93	97	264	245	218	217	195	178	130	94	267	2421
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

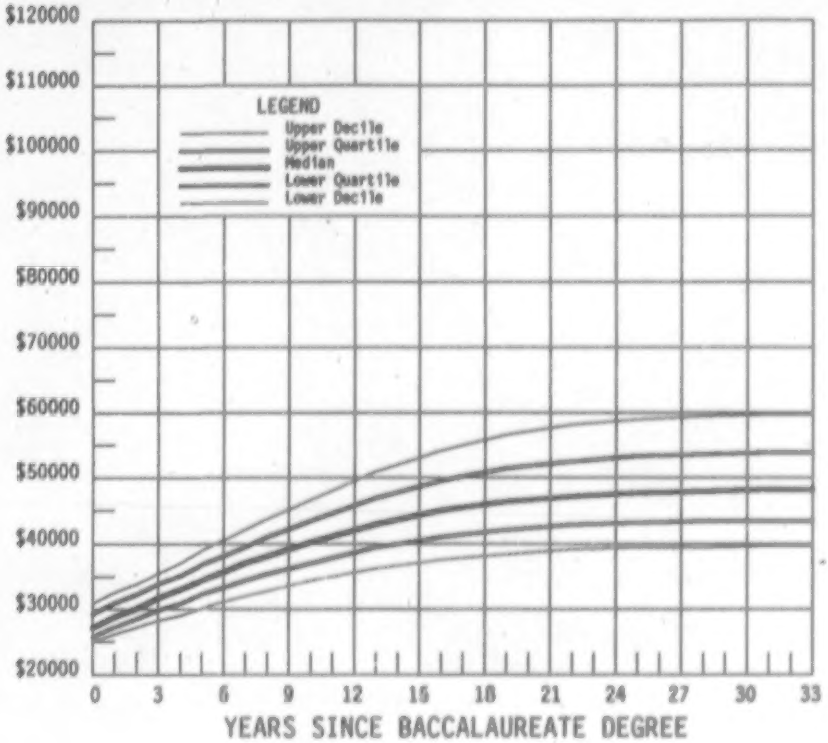
SALARY CURVES FOR ENGINEERS IN OTHER DURABLE GOODS MANUFACTURING SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: OTHER DURABLE GOODS MANUFACTURING, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	54000	56200	59650	63250	66950	70800	74650	78500	82250	91200	71950
Upper Quartile	0	0	0	0	0	0	0	0	49950	51650	54300	57100	59950	62900	65900	68900	71950	79700	63300
Median	0	0	0	0	0	0	0	0	46000	47200	49000	50950	52950	55100	57300	59600	62050	69050	54400
Lower Quartile	0	0	0	0	0	0	0	0	43600	44200	45150	46250	47500	48900	50550	52400	54550	62000	47350
Lower Decile	0	0	0	0	0	0	0	0	38150	38700	39650	40750	42000	43450	45100	47000	49200	57150	42050
Mean	0	0	0	0	0	0	0	0	46900	48100	50050	52050	54200	56450	58900	61450	64150	72250	56100
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	52400	58200	55950	66200	66600	67950	76400	79200	98500	79350	71950
Upper Quartile	0	0	0	0	0	0	0	0	46400	53650	52000	58100	59900	63150	66150	72500	75000	70300	63300
Median	0	0	0	0	0	0	0	0	44600	47200	48700	50200	54450	55250	57650	61000	64750	61200	54400
Lower Quartile	0	0	0	0	0	0	0	0	42000	44500	45450	44300	49250	48600	52450	52600	56250	55100	47350
Lower Decile	0	0	0	0	0	0	0	0	39800	35950	42250	39450	44500	41150	46650	49400	46000	51500	42050
Mean	0	0	0	0	0	0	0	0	45300	48550	49200	52000	55300	55600	59300	62700	70350	63700	56100
Supporting Data																			
Total Number	0	0	0	3	3	5	2	7	12	49	61	79	85	61	73	52	33	90	623
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

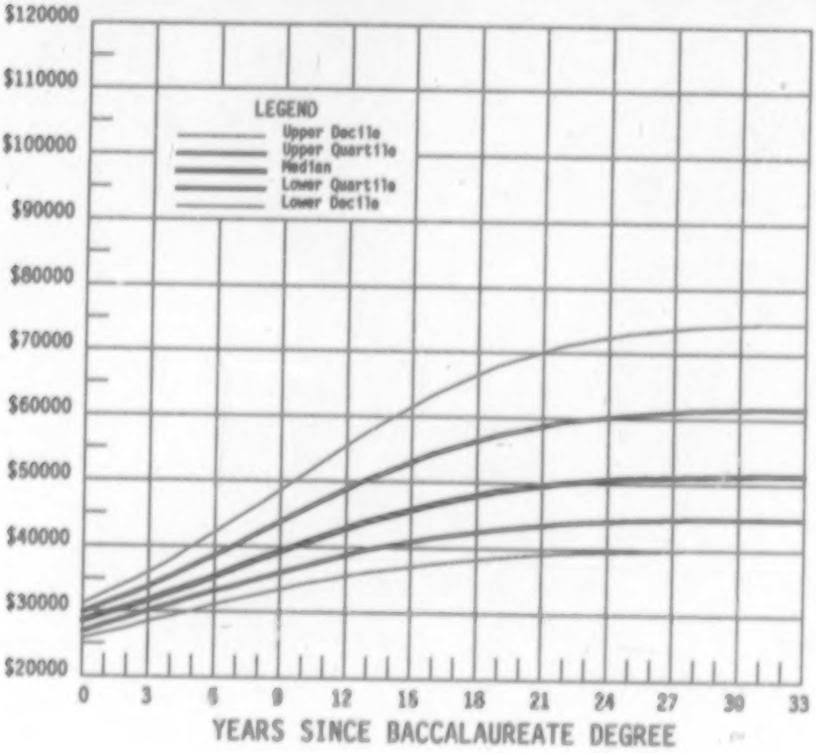
SALARY CURVES FOR ENGINEERS IN OTHER DURABLE GOODS MANUFACTURING NON-SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: OTHER DURABLE GOODS MANUFACTURING, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	31000	32450	34000	35550	37200	38800	40450	42100	43700	46800	50900	54150	56550	58100	59050	59550	59750	59900	54050
Upper Quartile	29400	30850	32300	33750	35250	36700	38200	39600	41000	43600	46950	49600	51450	52650	53350	53700	53900	53950	47800
Median	27300	28750	30200	31650	33050	34400	35700	36950	38150	40350	43050	45050	46450	47300	47800	48100	48200	48250	41400
Lower Quartile	25950	27250	28500	29750	31000	32150	33300	34350	35350	37200	39400	41050	42150	42850	43250	43500	43550	43600	35800
Lower Decile	25050	26100	27150	28200	29200	30200	31150	32000	32850	34400	36250	37600	38500	39100	39450	39600	39700	39750	31200
Mean	27750	29100	30450	31850	33200	34500	35800	37100	38300	40550	43400	45550	47050	48050	48600	48900	49050	49100	42200
Raw (Unsmoothed) Statistics																			
Upper Decile	31400	31700	33600	35850	37050	39750	40800	43350	42950	46350	51100	51500	56950	56750	59200	62900	59900	62150	54050
Upper Quartile	29800	30450	31850	33900	35350	37100	38550	40950	40400	43050	47150	48250	51700	52100	53250	56750	54950	54050	47800
Median	27800	27650	30050	31800	33450	34600	36050	37950	38400	39950	42450	43650	46150	47250	47900	49400	50200	49500	41400
Lower Quartile	26700	26400	28400	29700	30350	32450	33750	35300	36150	37100	38400	39950	41850	42750	44400	44450	43100	45000	35800
Lower Decile	26050	25200	26900	28250	28100	30300	32150	33000	34100	34600	34300	36250	38800	39900	39450	40550	38900	41400	31200
Mean	28250	28400	30150	32000	33050	34900	36150	38100	38300	40500	42800	44050	46950	48050	48700	50800	48700	50550	42200
Supporting Data																			
Total Number	22	30	75	67	54	72	91	85	86	214	183	136	132	136	104	79	61	178	1800
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

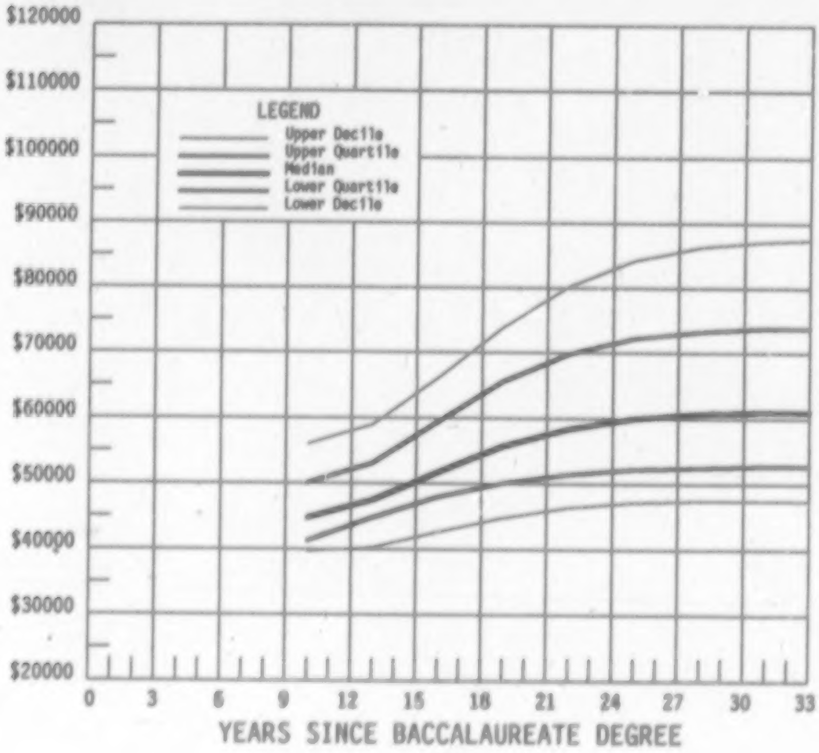
SALARY CURVES FOR ENGINEER'S IN OTHER NONDURABLE GOODS MANUFACTURING ALL ENGINEERS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: OTHER NONDURABLE GOODS MANUFACTURING

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	31250	32700	34300	36050	37950	39950	42050	44250	46450	51050	57700	63550	68100	71250	73200	74250	74750	74950	63200
Upper Quartile	29950	31150	32500	33950	35450	37050	38700	40400	42100	45500	50300	54300	57350	59400	60650	61300	61600	61750	51700
Median	28500	29500	30600	31800	33000	34250	35550	36850	38100	40600	44000	46750	48750	50100	50850	51300	51500	51600	42950
Lower Quartile	27050	28000	29000	30050	31100	32150	33200	34200	35250	37150	39650	41600	43000	43900	44450	44700	44850	44900	35900
Lower Decile	25800	26650	27550	28450	29350	30200	31100	31950	32750	34300	36200	37700	38700	39400	39750	39950	40050	40100	30450
Mean	28650	29850	30950	32150	33400	34800	36200	37600	39050	41950	45950	49300	51850	53550	54650	55100	55350	55450	45800
Raw (Unsmoothed) Statistics																			
Upper Decile	29850	33550	33800	35500	39550	42950	42800	43250	44600	52700	55450	59000	66400	67400	70400	70400	119150	80900	63200
Upper Quartile	29350	31350	32750	32900	37350	37600	38000	40700	42500	45850	49600	51300	56800	60500	58000	58000	83100	62850	51700
Median	28500	29600	31100	31100	33000	33250	35200	37300	39500	41150	43850	45500	50000	53450	50500	50750	58000	48850	42950
Lower Quartile	27350	28200	29000	29700	31100	30600	32800	34300	35350	38400	39850	41500	43750	44650	44750	42900	47750	44150	35900
Lower Decile	26350	28550	27100	28200	30300	29100	31200	31650	33200	35250	35850	37850	40150	38950	38800	39600	43000	39450	30450
Mean	28400	30150	31100	31300	34100	34900	36250	37600	39050	42750	45450	47650	52400	53550	52950	52550	71800	55700	45800
Supporting Data																			
Total Number	30	37	28	25	24	27	24	36	18	61	96	66	46	46	48	72	27	83	780
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	3
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1

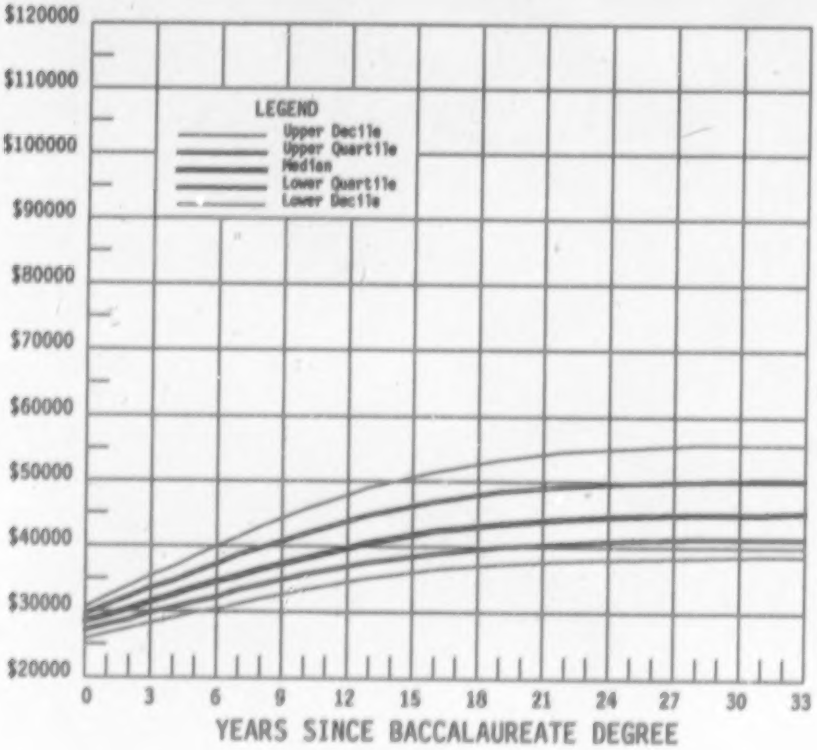
SALARY CURVES FOR ENGINEERS IN OTHER NONDURABLE GOODS MANUFACTURING SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: OTHER NONDURABLE GOODS MANUFACTURING, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	56050	58850	66100	73900	80200	84250	86400	87300	87650	75650
Upper Quartile	0	0	0	0	0	0	0	0	0	50150	53100	59400	65500	69800	72250	73350	73800	73900	62550
Median	0	0	0	0	0	0	0	0	0	44900	47550	51750	55600	58350	59950	60700	61000	61150	52600
Lower Quartile	0	0	0	0	0	0	0	0	0	41300	44900	47900	50050	51400	52200	52600	52750	52800	45250
Lower Decile	0	0	0	0	0	0	0	0	0	39650	40150	42600	44850	46350	47100	47450	47550	47600	39650
Mean	0	0	0	0	0	0	0	0	0	47150	49250	53800	58400	61900	64050	65150	65650	65800	56150
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	55300	60850	65600	72400	70150	83500	77400	132500	92000	75650
Upper Quartile	0	0	0	0	0	0	0	0	0	49600	54800	57600	63650	66000	68500	69000	108250	74650	62550
Median	0	0	0	0	0	0	0	0	0	44250	49650	48500	55250	58650	57650	56650	71000	64000	52600
Lower Quartile	0	0	0	0	0	0	0	0	0	40700	47050	44450	49550	53600	52750	51250	54900	53000	45250
Lower Decile	0	0	0	0	0	0	0	0	0	39100	42100	38600	46850	45050	47900	47800	49100	47450	39650
Mean	0	0	0	0	0	0	0	0	0	46450	51300	51450	57400	60000	61100	60600	82900	68650	56150
Supporting Data																			
Total Number	0	2	4	6	3	5	2	9	7	29	45	32	29	24	23	33	17	36	306
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	3
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1

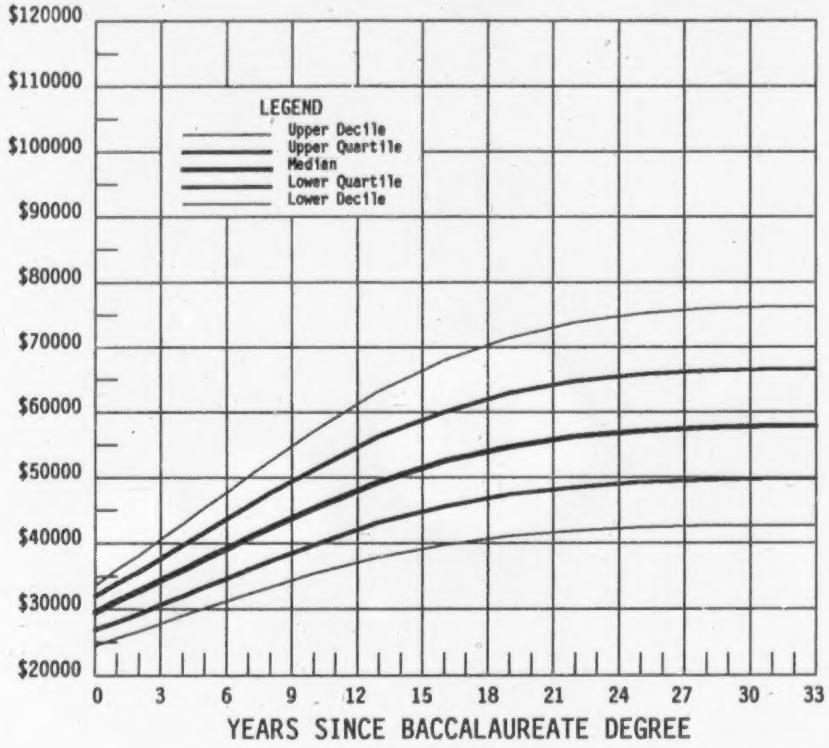
SALARY CURVES FOR ENGINEERS IN OTHER NONDURABLE GOODS MANUFACTURING NON-SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: OTHER NONDURABLE GOODS MANUFACTURING, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	30650	32200	33750	35350	36900	38450	39950	41450	42850	45550	48950	51550	53400	54550	55250	55600	55800	55850	49550
Upper Quartile	29650	30900	32200	33500	34800	36100	37350	38600	39750	41950	44750	46900	48400	49350	49900	50200	50350	50400	43950
Median	28500	29450	30450	31450	32500	33500	34550	35500	36500	38250	40550	42350	43550	44350	44850	45100	45200	45250	38700
Lower Quartile	27100	27950	28800	29750	30600	31500	32400	33250	34050	35600	37500	39000	40000	40650	41050	41250	41350	41400	32050
Lower Decile	25950	26650	27400	28200	28950	29750	30500	31250	32000	33350	35100	36400	37350	37900	38250	38450	38550	38600	29250
Mean	28550	29600	30650	31700	32800	33850	34950	36000	37000	38900	41350	43250	44550	45450	45950	46200	46300	46400	39150
Raw (Unsmoothed) Statistics																			
Upper Decile	29850	33000	33850	33400	38900	37850	40700	42050	0	46300	46350	51050	53900	57600	52500	56150	62500	53900	49550
Upper Quartile	29350	31250	32400	31850	36500	35500	37250	39100	0	43000	43200	47450	46600	52250	49050	53100	51500	48350	43950
Median	28500	29600	30750	30800	32750	32000	34800	36000	0	39000	40550	42950	42500	46000	45700	43300	47000	44950	38700
Lower Quartile	27350	28100	28500	29400	31050	30150	32600	33250	0	36000	38150	40100	39950	39900	41400	40550	42900	40600	32050
Lower Decile	26350	26500	26950	27800	30300	28900	31100	31050	0	34100	34050	37650	38400	37200	37500	38350	41750	38250	29250
Mean	28400	29750	30900	30600	33750	32850	35700	36250	0	39450	40300	43950	43950	46450	45500	45750	52900	45700	39150
Supporting Data																			
Total Number	20	35	24	19	21	22	22	28	9	32	51	33	17	22	25	39	10	47	474
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

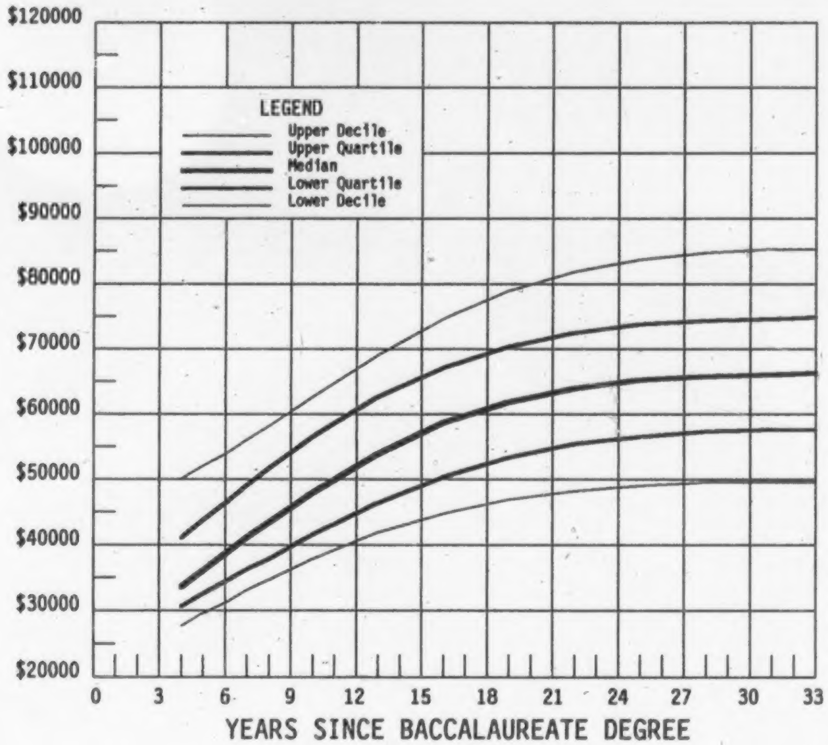
SALARY CURVES FOR ENGINEERS IN ALL NON-MANUFACTURING INDUSTRIES
ALL ENGINEERS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: ALL NON-MANUFACTURING INDUSTRIES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33650	35900	38200	40550	43000	45400	47850	50250	52600	57150	63200	68050	71500	73850	75200	75900	76250	76400	67750
Upper Quartile	31950	33800	35750	37700	39700	41700	43700	45700	47600	51300	56200	60050	62850	64700	65800	66350	66600	66750	57100
Median	29650	31150	32700	34300	35900	37550	39200	40800	42350	45350	49350	52500	54750	56250	57100	57600	57800	57900	47250
Lower Quartile	26850	28100	29400	30750	32100	33450	34800	36100	37400	39850	43100	45600	47400	48550	49250	49650	49800	49900	38300
Lower Decile	24400	25550	26700	27850	29050	30200	31300	32400	33450	35400	37850	39750	41050	41900	42400	42650	42750	42850	32000
Mean	29600	31150	32800	34450	36100	37800	39500	41200	42850	46000	50150	53450	55850	57400	58350	58850	59050	59200	48950
Raw (Unsmoothed) Statistics																			
Upper Decile	31950	36850	38250	40200	43550	46500	49400	50900	53150	55850	60800	66400	70950	74900	75850	77950	78900	78200	67750
Upper Quartile	31150	33150	36650	37350	40200	42700	45150	46450	48200	50150	54250	58050	62000	65900	66850	68450	68700	68200	57100
Median	29700	30600	32800	34200	36400	37950	39950	40550	43050	45050	48600	51200	54050	56950	57450	58700	59500	58250	47250
Lower Quartile	27200	28100	29050	30250	32250	33450	35850	36050	38200	39450	42950	44900	47200	49300	49350	50750	50800	49050	38300
Lower Decile	24850	25750	26250	27400	28850	29850	32050	32350	34550	35200	37950	39150	41200	42600	42300	44000	44050	41150	32000
Mean	29250	30900	33050	34200	36350	38300	40600	41350	43600	45350	49150	52100	55250	58100	58800	60200	60850	59750	48950
Supporting Data																			
Total Number	924	1485	1784	1690	2011	2102	2195	1989	2012	5099	5389	4785	4040	3554	3202	2821	1957	4510	51556
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	9	7	33	55
Less Than $22000	10	13	2	0	12	6	0	0	1	0	0	1	0	1	0	0	0	0	46

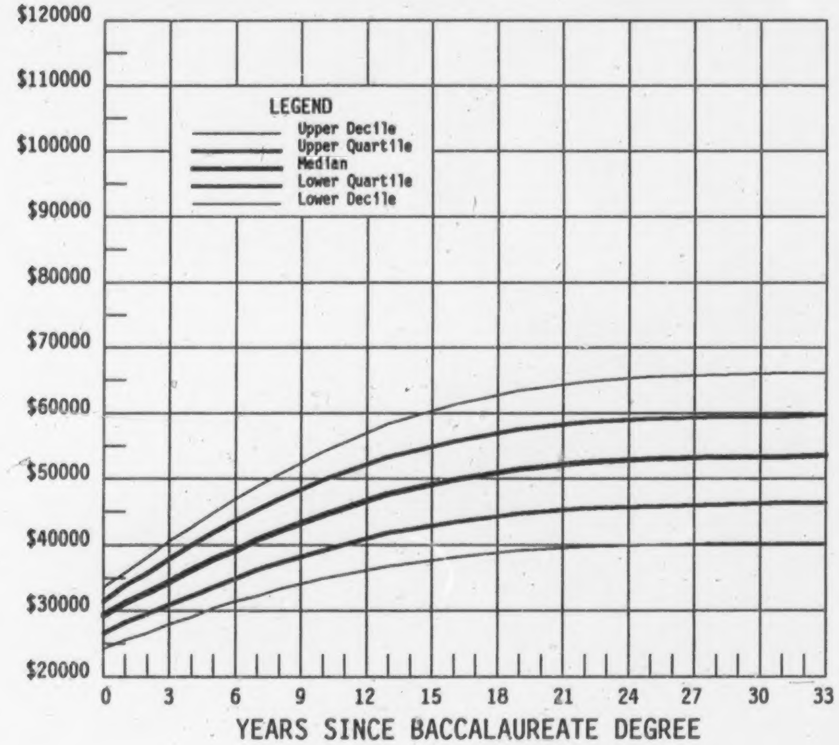
SALARY CURVES FOR ENGINEERS IN ALL NON-MANUFACTURING INDUSTRIES SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: ALL NON-MANUFACTURING INDUSTRIES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	50150	51950	53900	56000	58150	62550	69000	74650	79000	82000	83850	84850	85300	85500	78800
Upper Quartile	0	0	0	0	41100	43800	46500	49150	51700	56450	62550	67200	70500	72600	73850	74500	74800	74900	69050
Median	0	0	0	0	33650	36100	38600	41050	43450	48000	53950	58600	61900	64050	65300	65950	66250	66400	59100
Lower Quartile	0	0	0	0	30700	32500	34300	36150	37950	41500	46400	50400	53400	55400	56600	57200	57500	57650	48900
Lower Decile	0	0	0	0	27650	29500	31250	33000	34700	37850	41800	44850	46950	48300	49050	49500	49650	49750	40100
Mean	0	0	0	0	37200	39150	41150	43200	45250	49200	54750	59300	62700	64950	66350	67050	67400	67550	59800
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	45050	51650	57500	57800	60750	63650	67700	72300	77800	79800	83750	86400	87950	88850	78800
Upper Quartile	0	0	0	0	38400	40850	51300	51400	54950	57000	61150	64950	69050	72600	74100	75600	76250	76900	69050
Median	0	0	0	0	33450	33900	40200	41700	45350	48700	53750	56350	61000	64650	65750	66750	66200	67500	59100
Lower Quartile	0	0	0	0	30650	32050	33850	36400	39050	41800	46700	49050	52550	56450	56800	56600	57450	58550	48900
Lower Decile	0	0	0	0	27050	29650	30250	34250	36350	37250	42000	44300	46650	48500	48550	49900	49700	50200	40100
Mean	0	0	0	0	35450	37950	43000	44150	47100	49700	54400	57450	61550	64850	66350	67550	68250	69450	59800
Supporting Data																			
Total Number	3	40	47	114	152	241	257	341	397	1125	1626	1773	1667	1520	1327	1219	870	1687	14412
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	9	7	33	55
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

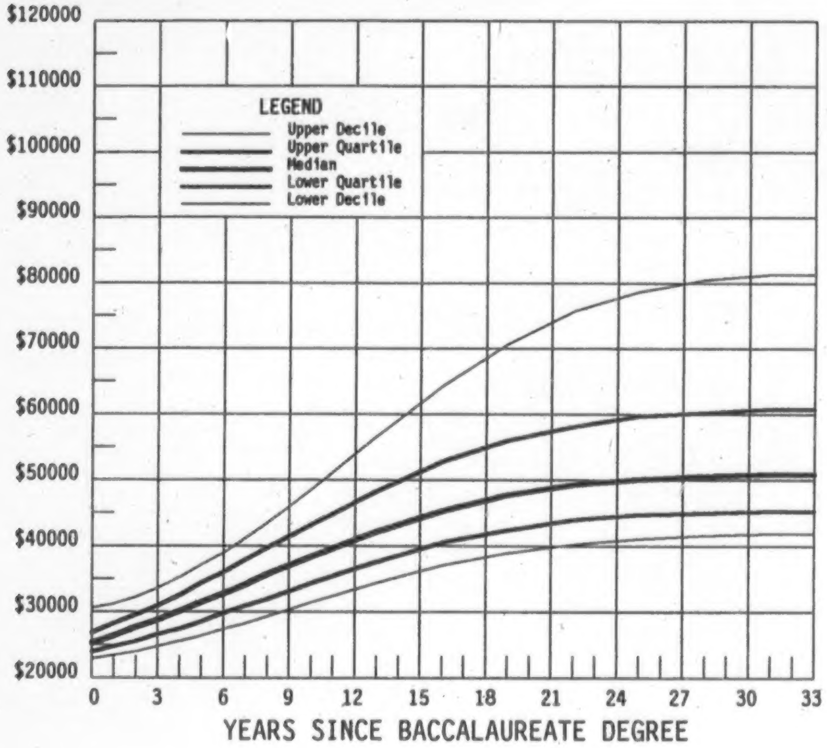
SALARY CURVES FOR ENGINEERS IN ALL NON-MANUFACTURING INDUSTRIES NON-SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: ALL NON-MANUFACTURING INDUSTRIES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33500	35850	38150	40450	42650	44850	46950	48900	50800	54200	58400	61400	63500	64800	65550	65950	66100	66200	59350
Upper Quartile	31600	33750	35850	37900	39900	41800	43650	45400	47000	49900	53400	55850	57550	58600	59150	59500	59600	59700	51900
Median	29400	31100	32850	34500	36150	37750	39300	40750	42100	44650	47700	49950	51500	52450	53050	53350	53450	53550	43950
Lower Quartile	26700	28150	29600	31000	32400	33700	34950	36150	37300	39300	41800	43550	44800	45550	46000	46250	46350	46400	36550
Lower Decile	24300	25600	26800	28050	29200	30300	31350	32300	33250	34850	36800	38150	39100	39650	40000	40150	40250	40300	30850
Mean	29300	31050	32800	34500	36150	37750	39300	40750	42150	44650	47750	50000	51500	52450	53000	53300	53450	53500	44800
Raw (Unsmoothed) Statistics																			
Upper Decile	31950	36850	37950	40000	43450	46250	48600	49600	51200	52650	55850	59400	62000	65550	66850	68000	69550	69200	59350
Upper Quartile	31150	33250	36550	37350	40300	42750	44850	45950	47250	49000	51850	54250	56250	58900	59850	61450	62150	61500	51900
Median	29650	30650	32750	34350	36500	38300	39900	40450	42650	44300	47050	49000	51050	52750	53450	54550	54900	53700	43950
Lower Quartile	27200	28200	29000	30350	32550	34050	35950	35950	38000	39000	41650	42850	44500	46150	46300	47400	47350	45600	36550
Lower Decile	24850	25850	26200	27550	29000	29900	32350	31950	34350	34750	37100	38000	38650	40350	39700	41450	40850	39000	30850
Mean	29200	30950	32750	34100	36400	38350	40250	40750	42700	44150	46850	49000	50800	53050	53450	54600	54950	53950	44800
Supporting Data																			
Total Number	921	1445	1736	1575	1856	1862	1936	1649	1613	3975	3761	3012	2378	2031	1874	1601	1088	2826	37145
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	10	13	8	0	12	0	0	0	1	0	0	1	0	1	0	0	0	0	46

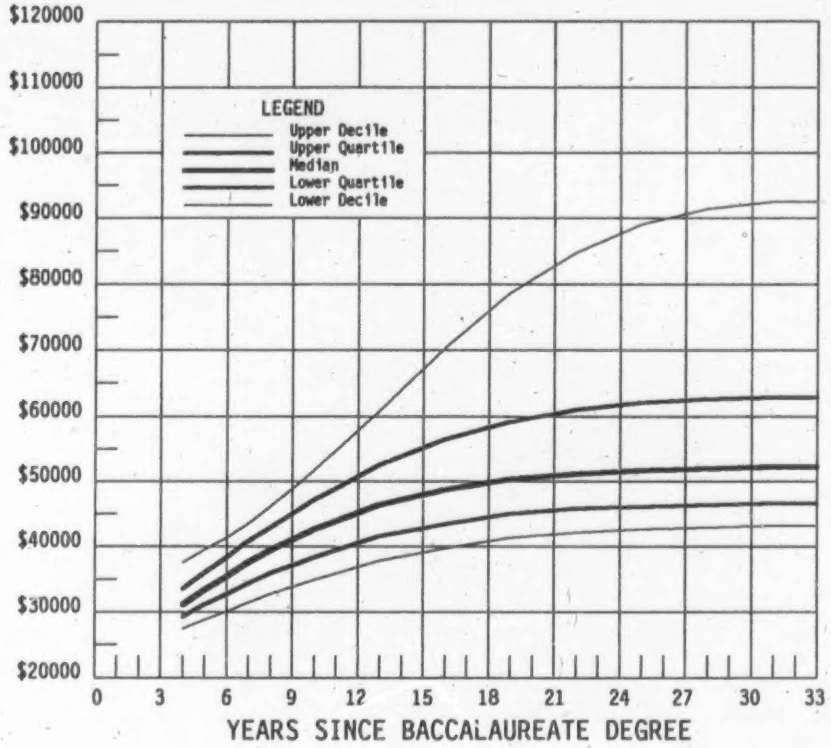
SALARY CURVES FOR ENGINEERS IN CONSTRUCTION
ALL ENGINEERS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: CONSTRUCTION

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	30550	31300	32350	33650	35200	37000	38950	41100	43400	48450	56450	64200	70800	75650	78750	80450	81250	81650	55550
Upper Quartile	26850	28150	29550	31050	32650	34350	36050	37850	39650	43250	48350	52700	56000	58250	59650	60350	60700	60900	47350
Median	25450	26500	27650	28850	30150	31500	32850	34250	35650	38400	42250	45400	47750	49300	50250	50800	51000	51150	38750
Lower Quartile	24000	24750	25600	26550	27550	28650	29750	30900	32100	34400	37700	40450	42500	43900	44750	45200	45400	45500	31650
Lower Decile	22950	23400	24000	24750	25550	26450	27400	28400	29450	31500	34500	37050	39000	40300	41100	41550	41750	41850	27050
Mean	26550	27200	28050	29050	30250	31550	32950	34400	36000	39250	44150	48550	52050	54500	56050	56850	57250	57400	41750
Raw (Unsmoothed) Statistics																			
Upper Decile	29950	29800	35400	33300	33600	35[illegible]50	40150	43100	46250	49650	53050	63600	63900	67900	95850	81250	66400	143000	55550
Upper Quartile	27950	27700	29400	30300	32300	33100	37900	37900	41300	44950	46650	51400	54750	58600	57500	58500	60400	68000	47350
Median	26600	25700	27100	28450	30550	30750	33800	34750	37250	38800	41100	43600	48650	48100	48050	51950	53450	52500	38750
Lower Quartile	24600	24550	25250	26050	27450	28700	30050	30950	34450	34250	36750	38700	44550	43150	42100	46450	46700	46400	31650
Lower Decile	23050	23300	24100	24250	25650	26450	27400	28100	31500	31200	34200	36200	38800	39600	38300	44200	43100	43400	27050
Mean	27350	26100	28150	29050	29950	30850	33850	35000	38200	39650	42450	46750	50950	51900	55550	58950	57400	67850	41750
Supporting Data																			
Total Number	21	23	46	37	53	59	45	53	50	106	109	81	71	51	45	35	34	32	953
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	5	7
Less Than $22000	0	1	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	4

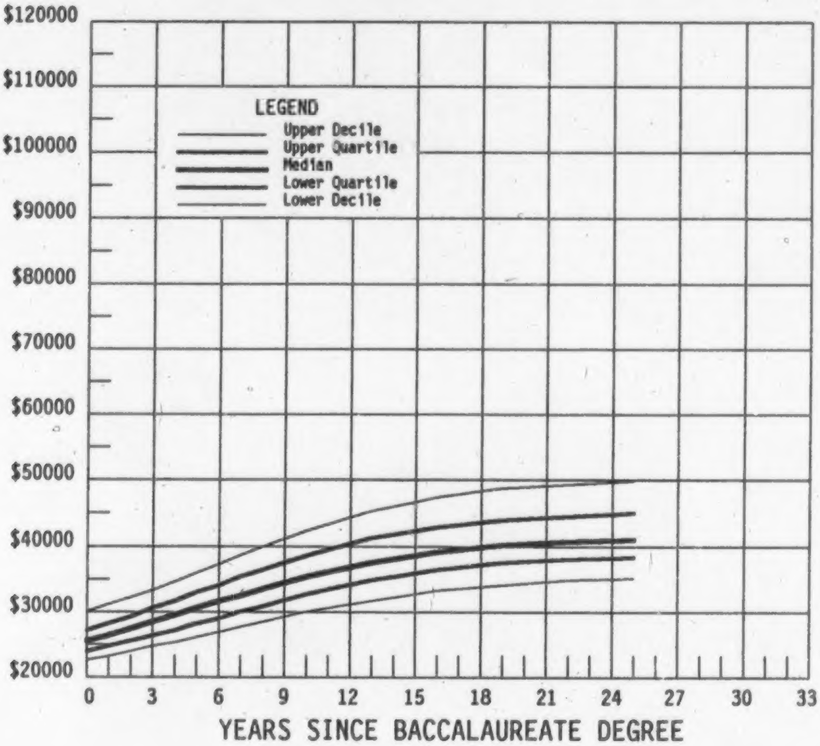
SALARY CURVES FOR ENGINEERS IN CONSTRUCTION SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: CONSTRUCTION, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	37650	39350	41350	43600	46100	51650	60900	70300	78600	84900	89050	91350	92450	93000	65200
Upper Quartile	0	0	0	0	33600	36000	38400	40700	42950	47150	52500	56500	59300	61100	62150	62700	62950	63050	53800
Median	0	0	0	0	31100	33400	35550	37600	39500	42750	46450	48900	50400	51300	51750	52000	52150	52200	46500
Lower Quartile	0	0	0	0	29450	31200	32850	34450	35900	38450	41500	43550	44950	45750	46250	46500	46600	46650	39100
Lower Decile	0	0	0	0	27400	28800	30150	31450	32700	34950	37750	39800	41250	42150	42700	42950	43100	43150	32800
Mean	0	0	0	0	31950	33750	35550	37400	39200	42800	47700	51800	54850	56900	58150	58800	59100	59250	49550
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	36800	37800	41750	46900	49550	51950	55150	76550	76250	76200	99350	81750	100000	151000	65200
Upper Quartile	0	0	0	0	34000	33700	39700	43250	44400	47900	51000	54500	55600	63000	90000	59500	61200	74000	53800
Median	0	0	0	0	31200	32550	36500	37750	40100	43400	45200	47850	50550	54500	53000	52350	54300	55000	46500
Lower Quartile	0	0	0	0	30000	30600	31750	35300	37100	38400	41250	42200	46250	45500	48500	47250	48100	50000	39100
Lower Decile	0	0	0	0	26400	29050	29000	34050	33300	34800	37200	37100	43700	42100	45200	44200	44750	45400	32800
Mean	0	0	0	0	31500	32750	35750	39050	41150	43200	46350	50450	53050	55400	66200	59750	59150	74800	49550
Supporting Data																			
Total Number	0	5	1	10	12	21	15	21	23	54	60	52	57	38	24	33	30	24	476
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	5	7
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

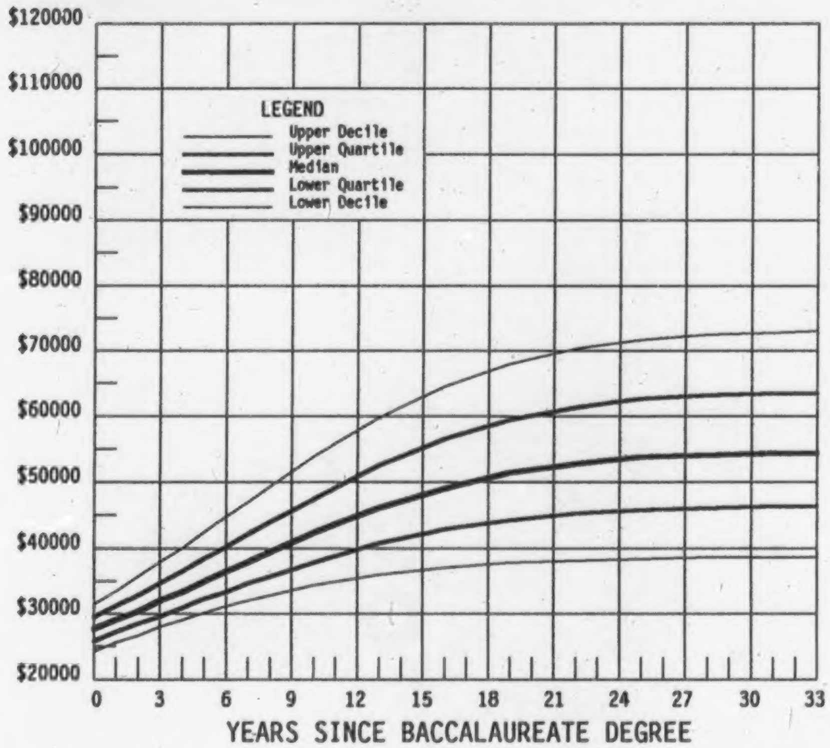
SALARY CURVES FOR ENGINEERS IN CONSTRUCTION
NON-SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: CONSTRUCTION, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	30200	31150	32250	33450	34750	36050	37400	38700	40000	42400	45350	47400	48700	49400	49750	0	0	0	43650
Upper Quartile	27100	28200	29350	30600	31800	33050	34250	35450	36600	38650	41200	42950	44050	44650	44950	0	0	0	38450
Median	25500	26450	27450	28500	29550	30600	31650	32650	33600	35400	37600	39150	40200	40800	41150	0	0	0	33200
Lower Quartile	23900	24700	25500	26400	27300	28250	29200	30100	31000	32700	34850	36450	37500	38150	38450	0	0	0	28300
Lower Decile	22700	23300	23950	24700	25450	26200	27000	27750	28550	30000	31850	33300	34250	34850	35200	0	0	0	25500
Mean	26400	27000	27800	28700	29650	30700	31750	32800	33900	35900	38450	40350	41650	42350	42750	0	0	0	34000
Raw (Unsmoothed) Statistics																			
Upper Decile	29950	30100	35500	30600	33250	34400	39250	39200	40500	44750	43500	52400	48200	46900	49200	0	0	0	43650
Upper Quartile	27950	27500	29350	29450	32200	31800	35900	35550	37600	39950	40000	43000	45500	45250	46750	0	0	0	38450
Median	26600	25450	27000	28200	30350	29700	32350	32500	35550	35300	37150	39800	41000	42500	42500	0	0	0	33200
Lower Quartile	24600	24400	25200	26000	27350	28150	29100	29800	33250	32550	35000	37350	38000	39100	38950	0	0	0	28300
Lower Decile	23050	22900	24100	24300	26000	25350	26950	27400	30350	29000	33100	35600	36400	33100	34100	0	0	0	25500
Mean	27350	25900	28150	27700	29600	29800	32750	33050	35400	36250	38100	41900	42200	41600	43400	0	0	0	34000
Supporting Data																			
Total Number	21	19	45	28	40	40	29	34	25	55	48	32	16	11	21	2	6	8	478
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	1	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	4

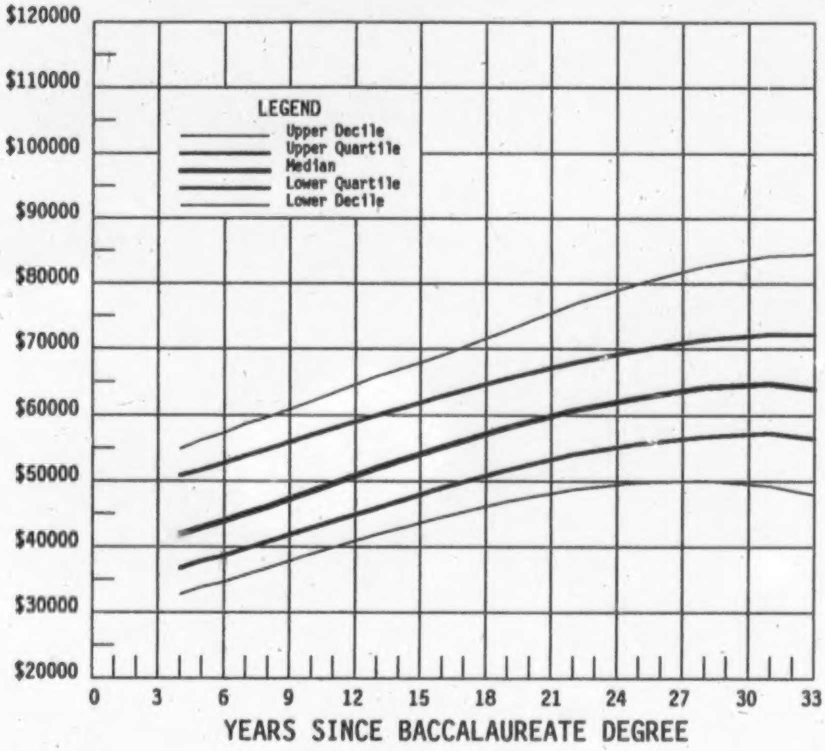
SALARY CURVES FOR ENGINEERS IN CONSULTING AND ENGINEERING SERVICES
ALL ENGINEERS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: CONSULTING AND ENGINEERING SERVICES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	31350	33450	35600	37800	40100	42400	44700	47000	49300	53750	59700	64500	68050	70400	71800	72550	72900	73050	63950
Upper Quartile	29650	31250	32900	34650	36450	38300	40150	42000	43900	47500	52450	56450	59400	61400	62600	63200	63500	63650	54350
Median	27700	29050	30450	31900	33400	34900	36450	37950	39450	42300	46150	49200	51450	52900	53800	54250	54450	54550	44500
Lower Quartile	26000	27200	28450	29700	30950	32200	33400	34600	35750	37900	40700	42850	44350	45300	45850	46150	46300	46400	36200
Lower Decile	24250	25550	26800	28000	29150	30200	31200	32100	32900	34300	35950	37050	37750	38200	38450	38600	38650	38650	30600
Mean	28250	29750	31250	32800	34400	36000	37550	39150	40650	43550	47400	50400	52550	54000	54800	55250	55450	55550	46450
Raw (Unsmoothed) Statistics																			
Upper Decile	31200	32950	35600	37900	40300	43800	45450	47550	49700	52650	59200	63200	66250	70650	69550	74550	77250	76700	63950
Upper Quartile	29800	30650	32850	34550	37200	39750	40700	41150	43650	46550	52750	56050	58300	62150	61900	63100	64850	65250	54350
Median	27900	28750	30300	31450	34250	35900	36850	37400	39500	41200	46750	49100	50850	53100	53550	52800	56000	55550	44500
Lower Quartile	26200	27050	28500	29150	31200	32650	33800	34450	35750	37300	41300	42900	43500	45500	45750	45400	47650	46650	36200
Lower Decile	24400	25900	26750	27200	29050	30300	31600	31800	32550	33800	36900	37450	37550	38800	38150	36550	38200	39000	30600
Mean	28000	29150	31750	32800	34800	37200	38250	38750	40500	42500	47450	50000	51600	54400	54100	54900	57550	57400	46450
Supporting Data																			
Total Number	218	358	375	362	386	438	479	420	402	1113	1430	1209	1058	814	721	558	440	937	11718
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	3	7
Less Than $22000	1	3	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	6

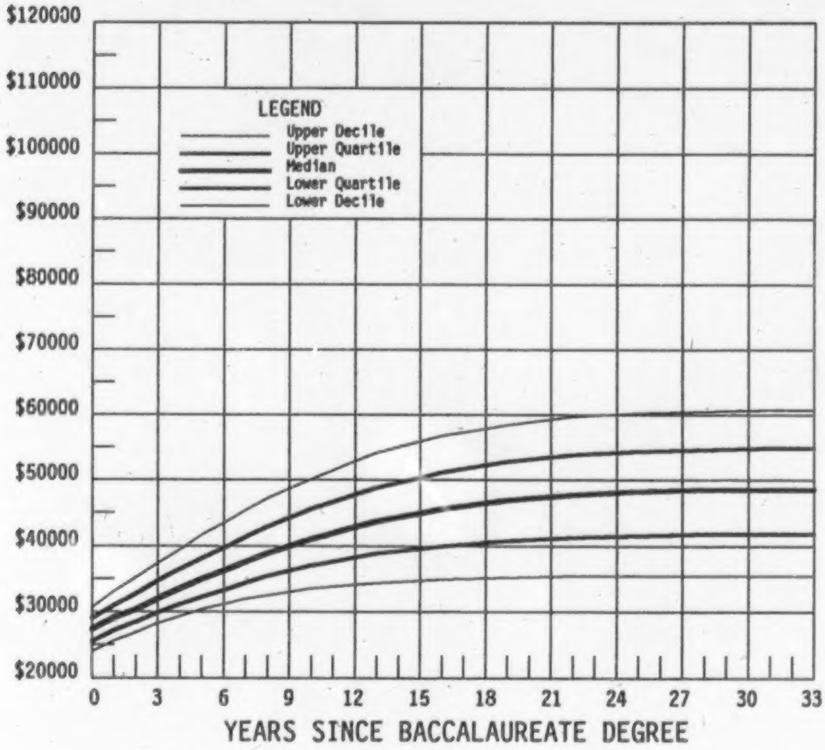
SALARY CURVES FOR ENGINEERS IN CONSULTING AND ENGINEERING SERVICES SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: CONSULTING AND ENGINEERING SERVICES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	55000	56200	57400	58600	59800	62200	65750	68950	72900	76750	80050	82550	84200	85600	75500
Upper Quartile	0	0	0	0	50850	51850	52900	53900	54950	57000	60050	62950	65600	68000	70000	71500	72400	72000	66300
Median	0	0	0	0	41850	42950	44050	45150	46250	48500	51900	55150	58150	60750	62800	64150	64700	62200	58150
Lower Quartile	0	0	0	0	36750	37750	38750	39750	40800	42850	45950	48950	51650	54000	55800	56900	57250	54450	50200
Lower Decile	0	0	0	0	32850	33800	34800	35850	36850	38900	41900	44650	47050	48800	49850	50000	49300	43850	43550
Mean	0	0	0	0	44600	45600	46650	47650	48650	50700	53700	56600	59300	61650	63550	64950	65750	64600	59200
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	77200	68600	77400	61900	63800	63100	66150	69650	73150	76250	76600	84600	87500	85300	75500
Upper Quartile	0	0	0	0	43250	52250	61500	53500	56000	56600	60150	62450	65400	69550	67450	73050	74000	71700	66300
Median	0	0	0	0	38900	41750	48500	40650	46350	47600	53650	54950	58200	61900	61450	62300	64000	62750	58150
Lower Quartile	0	0	0	0	34250	35900	37250	36850	41000	42550	48100	48850	51550	55300	54250	53850	57150	55150	50200
Lower Decile	0	0	0	0	30700	33800	32850	33050	36900	38200	43950	45200	46350	49550	48050	47700	50800	44150	43550
Mean	0	0	0	0	42900	46700	50450	45250	48900	49800	54350	56350	59200	62900	62050	64100	67650	64500	59200
Supporting Data																			
Total Number	1	2	21	18	17	27	33	46	52	180	408	474	421	353	325	239	200	493	3310
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	3	7
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

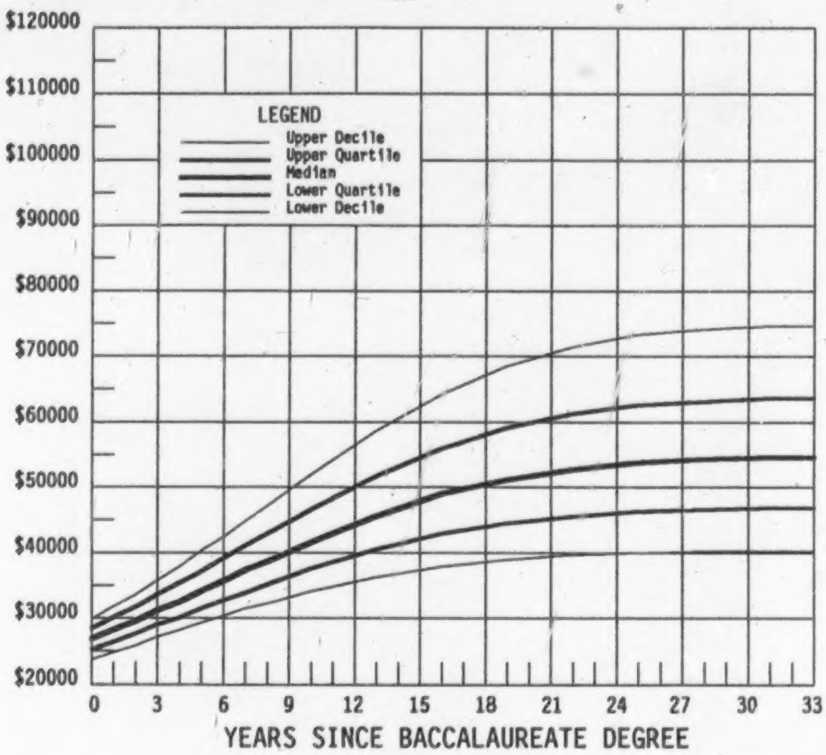
SALARY CURVES FOR ENGINEERS IN CONSULTING AND ENGINEERING SERVICES NON-SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: CONSULTING AND ENGINEERING SERVICES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	30800	33000	35200	37400	39500	41550	43500	45350	47100	50200	54000	56700	58500	59650	60300	60600	60800	60850	54600
Upper Quartile	29150	31000	32850	34700	36450	38200	39850	41400	42900	45600	48850	51250	52850	53900	54450	54800	54900	55000	47950
Median	27400	28950	30500	32000	33500	34900	36300	37550	38800	41000	43700	45650	46950	47800	48300	48550	48650	48700	40300
Lower Quartile	25650	27100	28500	29850	31100	32300	33400	34400	35350	36950	38800	40050	40850	41350	41650	41800	41850	41900	33800
Lower Decile	24000	25550	26950	28200	29300	30300	31150	31900	32500	33500	34450	35000	35300	35450	35500	35550	35550	35550	29450
Mean	27650	29350	31000	32600	34150	35650	37000	38300	39500	41650	44150	45950	47100	47800	48250	48450	48550	48600	41400
Raw (Unsmoothed) Statistics																			
Upper Decile	31200	32900	34350	37100	39950	43100	43650	45750	46300	49500	54150	56900	57550	59550	59200	61500	62750	61650	54600
Upper Quartile	29750	30600	32500	34200	37000	39300	40200	40650	42650	44950	49450	51550	52750	53250	54100	54050	56600	55050	47950
Median	27900	28700	30150	31350	34100	35700	36650	37150	38850	40350	44450	45350	46300	47650	48100	48100	49700	49350	40300
Lower Quartile	26200	27000	28400	29100	31150	32450	33700	34300	35250	36750	39600	40200	40300	41500	40500	41450	41850	42450	33800
Lower Decile	24400	25900	26650	27100	29000	30200	31500	31700	32350	33450	36050	35700	35650	36200	33250	32500	32000	37300	29450
Mean	27950	29100	30750	32250	34450	36550	37350	37950	39250	41100	44650	45900	46600	47900	47600	48050	49150	49550	41400
Supporting Data																			
Total Number	217	356	354	344	369	411	446	374	350	933	1022	735	637	461	396	319	240	444	8408
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	1	3	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	6

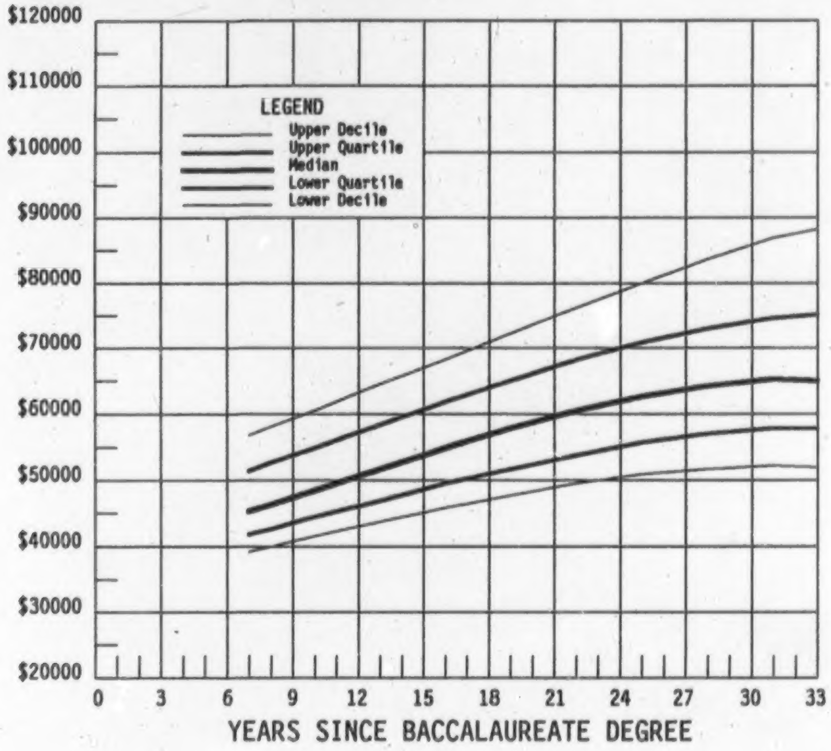
SALARY CURVES FOR ENGINEERS IN CONSULTING
ALL ENGINEERS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: CONSULTING

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	29900	31750	33700	35800	37950	40200	42500	44850	47200	51950	58600	64250	68550	71450	73250	74200	74650	74850	63750
Upper Quartile	28550	30150	31800	33550	35350	37200	39100	41000	42900	46650	51800	56050	59200	61350	62650	63300	63650	63800	53950
Median	26900	28250	29650	31100	32600	34150	35700	37250	38750	41700	45700	48950	51300	52850	53800	54300	54550	54650	44500
Lower Quartile	25250	26450	27700	28950	30200	31500	32750	34000	35200	37500	40550	42900	44600	45700	46350	46650	46850	46900	36150
Lower Decile	23700	24850	26000	27100	28250	29300	30350	31350	32300	34050	36250	37850	38950	39650	40050	40300	40400	40400	30000
Mean	27300	28600	30050	31500	33050	34600	36200	37800	39400	42500	46750	50250	52850	54550	55600	56150	56400	56500	46350
Raw (Unsmoothed) Statistics																			
Upper Decile	30000	31100	33600	35350	39100	41800	43700	45900	46000	50700	59000	62650	65400	70550	70100	75550	80250	81600	63750
Upper Quartile	28950	29500	31800	32750	36450	38450	40550	40400	42550	45800	51950	55550	57900	61100	60950	62350	66650	67150	53950
Median	27050	28200	29400	30450	33200	34950	36300	37100	39100	40750	46200	48950	50650	52100	53200	52800	55950	56700	44500
Lower Quartile	25050	26400	27800	28550	30650	31850	33000	34500	35450	36950	40750	42650	42900	44850	47050	46150	49600	48450	36150
Lower Decile	23700	24700	26000	26650	28650	29650	30800	31550	32500	33800	36500	37600	37150	38700	40250	40600	43000	41850	30000
Mean	27250	28150	30400	30900	33550	35600	37400	38000	39150	41700	46900	49800	50950	53650	54500	55850	60050	59900	46350
Supporting Data																			
Total Number	113	189	189	215	230	217	196	200	216	611	806	671	589	462	368	305	227	542	6346
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	6
Less Than $22000	1	3	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	6

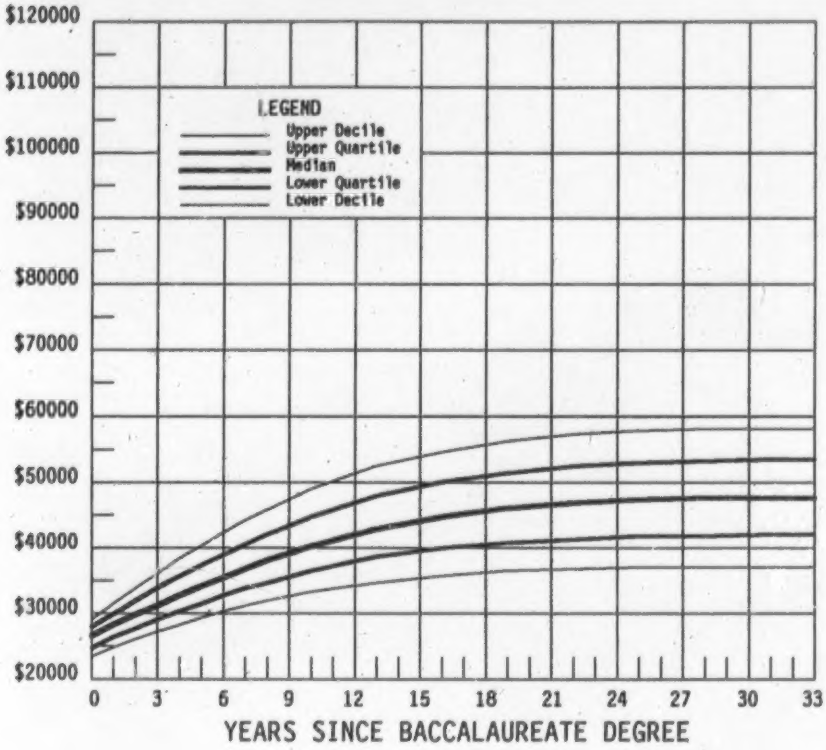
SALARY CURVES FOR ENGINEERS IN CONSULTING SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: CONSULTING, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	56900	58100	60600	64450	68350	72350	76300	80100	83650	86900	92900	77100
Upper Quartile	0	0	0	0	0	0	0	51600	52750	55000	58450	61850	65100	68150	70850	73150	74800	76000	66750
Median	0	0	0	0	0	0	0	45250	46350	48500	51700	54850	57800	60450	62700	64350	65300	64300	58550
Lower Quartile	0	0	0	0	0	0	0	41850	42750	44450	47050	49550	51850	53950	55700	57050	57900	57600	51400
Lower Decile	0	0	0	0	0	0	0	39200	39950	41500	43750	45900	47800	49500	50850	51800	52250	51250	46150
Mean	0	0	0	0	0	0	0	46800	47850	49950	53150	56300	59350	62200	64650	66700	68200	68950	60650
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	55550	55400	59550	65850	69100	70600	75900	78000	86600	88800	92500	77100
Upper Quartile	0	0	0	0	0	0	0	49600	53000	53600	60050	61400	64100	69600	67750	74550	77200	75700	66750
Median	0	0	0	0	0	0	0	39900	45000	46850	53600	54600	57750	61400	61500	62700	64750	64800	58550
Lower Quartile	0	0	0	0	0	0	0	36500	41750	44000	48100	49350	52100	54500	55200	55650	57100	58000	51400
Lower Decile	0	0	0	0	0	0	0	34300	38900	40500	44800	46250	47550	50050	50150	50400	51900	51600	46150
Mean	0	0	0	0	0	0	0	43400	46550	48850	54450	56450	58650	63000	63100	66050	69300	69050	60650
Supporting Data																			
Total Number	0	1	7	1	9	8	8	13	16	80	246	277	246	204	165	135	117	295	1828
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	6
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

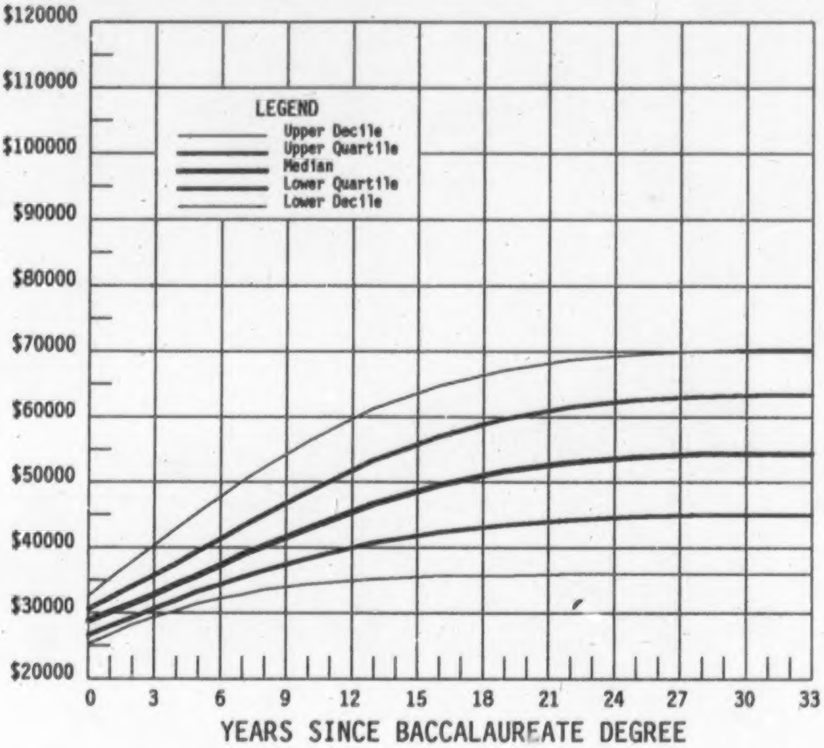
SALARY CURVES FOR ENGINEERS IN CONSULTING
NON-SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: CONSULTING, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	29050	31400	33750	36050	38300	40400	42400	44250	46000	49000	52450	54800	56350	57300	57800	58050	58200	58250	52900
Upper Quartile	28000	29950	31900	33750	35600	37350	39050	40600	42100	44750	47900	50150	51600	52550	53100	53350	53500	53550	46950
Median	26600	28200	29750	31300	32750	34200	35550	36850	38100	40250	42900	44800	46100	46900	47400	47600	47750	47800	39900
Lower Quartile	24900	26350	27750	29100	30400	31600	32750	33800	34800	36500	38550	39950	40900	41450	41800	41950	42050	42050	33400
Lower Decile	23400	24750	26050	27250	28400	29400	30350	31250	32000	33350	34800	35750	36400	36750	36950	37050	37100	37150	28850
Mean	26550	28250	29950	31600	33150	34650	36100	37400	38650	40850	43400	45200	46400	47150	47550	47800	47900	47950	40600
Raw (Unsmoothed) Statistics																			
Upper Decile	30000	31000	33200	35250	38450	41600	43350	44900	44550	49100	52250	55850	55950	56050	55850	58400	61350	58800	52900
Upper Quartile	28950	29500	31450	32700	36150	38200	40300	40200	42100	44250	48200	50600	51400	51850	52700	52550	55100	53800	46950
Median	27050	28200	29300	30450	33000	34800	36000	36950	38700	40000	43500	44050	44600	46250	48300	47450	50000	48850	39900
Lower Quartile	25050	26400	27700	28500	30600	31700	32850	34400	35100	36400	38800	39600	39200	40450	42250	43100	44400	43050	33400
Lower Decile	23700	24700	25900	26650	28650	29500	30750	31500	32300	33400	34950	35300	35100	35500	37650	36850	40000	38650	28850
Mean	27250	28000	29500	30800	33400	35450	36800	37650	38550	40650	43550	45150	45400	46250	47550	47700	50200	48900	40600
Supporting Data																			
Total Number	113	188	182	214	221	209	188	187	200	531	560	394	343	258	203	170	110	247	4518
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	1	3	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	6

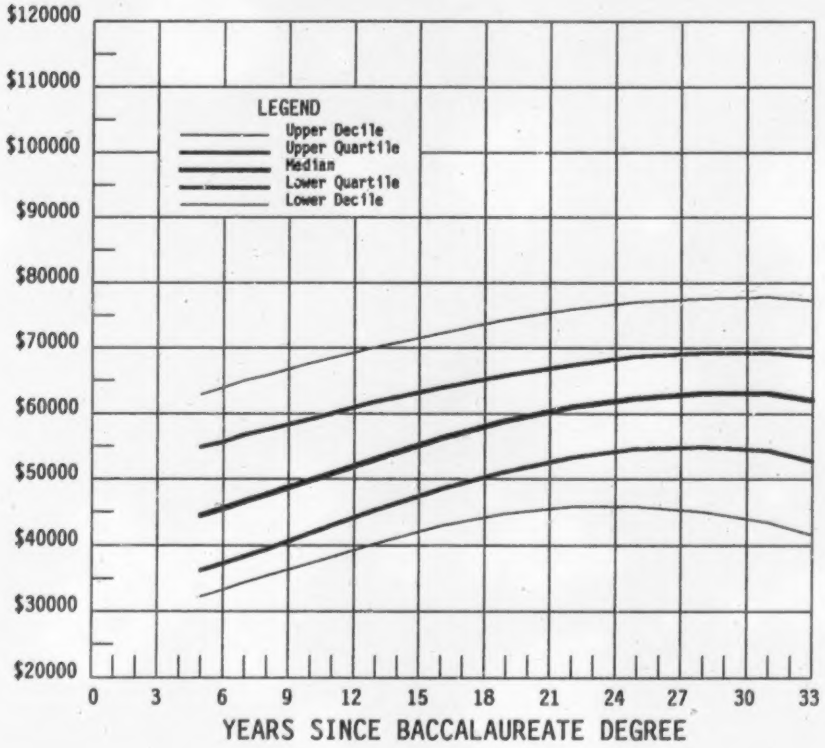
SALARY CURVES FOR ENGINEERS IN OTHER ENGINEERING SERVICES
ALL ENGINEERS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: OTHER ENGINEERING SERVICES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32550	35150	37750	40350	42950	45450	47850	50200	52400	56400	61300	64900	67300	68850	69700	70200	70400	70500	64200
Upper Quartile	30600	32300	34050	35850	37700	39550	41450	43300	45100	48650	53300	57050	59800	61600	62650	63250	63500	63650	54850
Median	28800	30150	31500	32900	34400	35850	37300	38800	40200	43000	46650	49550	51700	53050	53900	54300	54500	54600	44550
Lower Quartile	26650	28000	29350	30700	32000	33200	34400	35550	36600	38500	40800	42500	43600	44350	44750	44950	45050	45100	36200
Lower Decile	25250	26800	28200	29450	30500	31450	32250	32900	33500	34350	35150	35600	35850	36000	36050	36100	36100	36100	31150
Mean	29300	30950	32650	34300	35950	37550	39100	40600	42050	44650	48000	50450	52200	53300	53950	54250	54400	54500	46500
Raw (Unsmoothed) Statistics																			
Upper Decile	31550	33900	38400	45850	43150	46450	46700	49000	54800	55250	59350	63800	67150	70750	69300	73350	71400	71900	64200
Upper Quartile	30650	31900	33750	36750	38000	41300	40800	42500	45650	47650	53700	56900	59000	63250	62850	63800	63550	63250	54850
Median	28750	29700	31350	33550	35500	36900	37100	37750	40050	41800	47650	49250	51200	55150	54050	52850	56050	53800	44550
Lower Quartile	27100	27600	29350	30800	32550	33600	34250	34350	36100	37750	41900	43300	44400	46400	44650	43000	44400	43100	36200
Lower Decile	26250	26650	28100	28650	30150	31000	32350	32050	32650	33850	37500	37250	38250	39050	33550	32100	31600	35450	31150
Mean	28800	30300	33150	35600	36700	38750	38800	39400	42050	43450	48150	50250	52450	55400	53700	53800	54900	54000	46500
Supporting Data																			
Total Number	105	169	186	147	156	221	283	220	186	502	624	538	469	352	353	253	213	395	5372
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

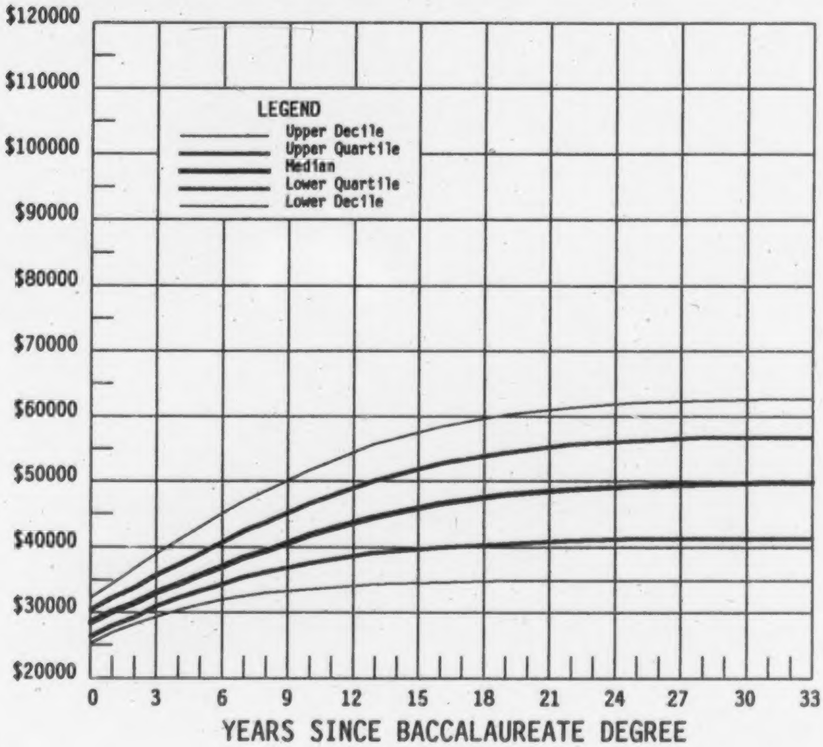
SALARY CURVES FOR ENGINEERS IN OTHER ENGINEERING SERVICES
SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: OTHER ENGINEERING SERVICES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	63050	64000	64950	65850	67650	70150	72400	74350	75900	77000	77650	77750	75650	73400
Upper Quartile	0	0	0	0	0	54850	55800	56700	57550	59300	61800	64050	66000	67550	68700	69300	69450	67300	65850
Median	0	0	0	0	0	44400	45500	46600	47750	49950	53150	56200	58850	61000	62500	63250	63200	59300	57600
Lower Quartile	0	0	0	0	0	36150	37250	38400	39550	41850	45300	48500	51300	53450	54750	55050	54350	48250	48050
Lower Decile	0	0	0	0	0	32300	33350	34400	35400	37450	40400	42950	44850	45900	46000	45150	43400	36100	38500
Mean	0	0	0	0	0	46250	47300	48350	49400	51450	54350	57050	59300	61050	62200	62600	62250	58050	57400
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	70200	78000	62700	69100	65350	66700	70100	78350	76750	74650	80600	84250	74050	73400
Upper Quartile	0	0	0	0	0	57000	59500	55250	59000	58550	60300	63800	66850	69500	67250	70300	69300	67150	65850
Median	0	0	0	0	0	48500	48500	41750	47000	49400	53800	56100	59350	62500	61350	61850	63400	59500	57600
Lower Quartile	0	0	0	0	0	35850	35250	36900	40000	41450	48100	47800	50200	56500	53000	51500	57200	48500	48050
Lower Decile	0	0	0	0	0	33900	32350	32850	36300	36000	41600	44100	43450	48150	45800	39800	47800	36200	38500
Mean	0	0	0	0	0	49800	50050	45950	49900	50600	54200	56250	59950	62800	60950	61500	65300	57700	57400
Supporting Data																			
Total Number	1	1	14	17	8	19	25	33	36	100	162	197	175	149	160	104	83	198	1482
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

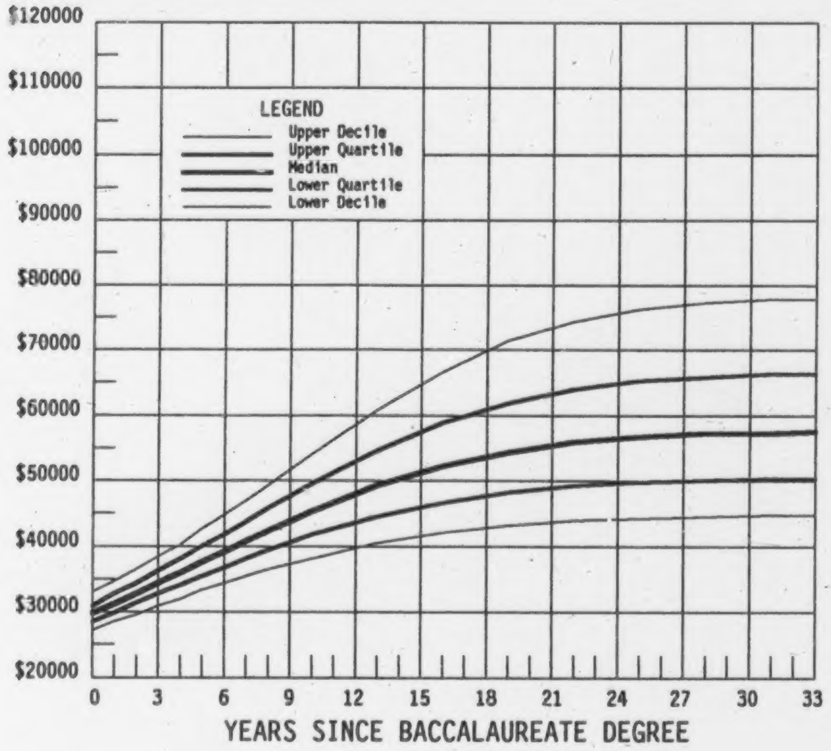
SALARY CURVES FOR ENGINEERS IN OTHER ENGINEERING SERVICES
NON-SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: OTHER ENGINEERING SERVICES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32300	34500	36700	38850	40950	43000	45000	46850	48600	51800	55600	58400	60300	61450	62150	62500	62650	62750	56200
Upper Quartile	30400	32150	33900	35650	37350	39050	40700	42300	43800	46600	50050	52700	54500	55700	56350	56700	56900	56950	49100
Median	28550	30050	31500	33000	34400	35800	37100	38400	39600	41800	44550	46550	47950	48850	49350	49600	49750	49800	40800
Lower Quartile	26400	28000	29450	30850	32150	33300	34400	35350	36200	37600	39100	40100	40650	41000	41200	41300	41300	41350	34250
Lower Decile	25400	26900	28250	29400	30350	31200	31900	32500	33000	33700	34400	34750	34900	35000	35050	35050	35050	35050	30350
Mean	28900	30550	32200	33800	35300	36750	38100	39350	40550	42600	45050	46750	47900	48600	49000	49200	49300	49350	42350
Raw (Unsmoothed) Statistics																			
Upper Decile	31500	33950	35850	44000	42400	44200	43900	46400	48000	50000	55650	57750	58850	62500	62050	65700	63400	65050	56200
Upper Quartile	30600	31900	33450	35950	37950	40500	40150	41200	43900	45800	51200	52500	54150	56200	55750	55350	58100	57350	49100
Median	28700	29700	31250	33350	35500	36700	36900	37350	39150	40800	45700	46700	48000	49350	47700	49850	49350	50300	40800
Lower Quartile	27100	27600	29300	30800	32600	33350	34200	34150	35450	37200	40950	41200	41950	43450	38750	38100	37500	41650	34250
Lower Decile	26250	26650	28050	28500	30100	30850	32350	31950	32450	33600	36950	36200	36750	37100	32350	30850	29700	34700	30350
Mean	28750	30300	32100	34650	36050	37750	37750	38200	40150	41650	46000	46800	48000	50000	47650	48400	48250	50300	42350
Supporting Data																			
Total Number	104	168	172	130	148	202	258	187	150	402	462	341	294	203	193	149	130	197	3890
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

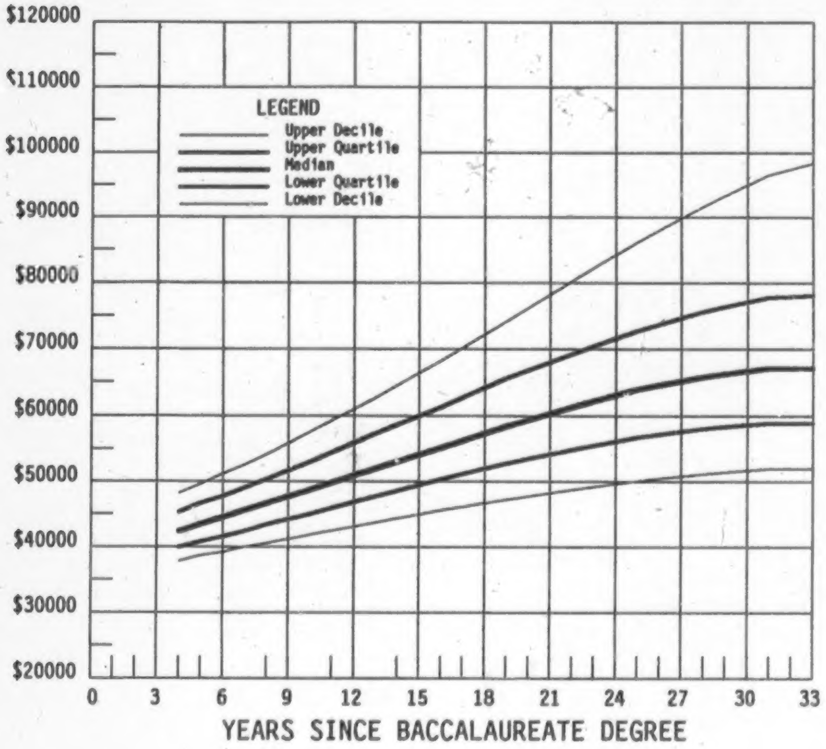
SALARY CURVES FOR ENGINEERS IN ELECTRIC AND GAS UTILITIES
ALL ENGINEERS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: ELECTRIC AND GAS UTILITIES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33150	34750	36500	38400	40400	42550	44750	47050	49400	54100	60900	66800	71350	74450	76350	77400	77900	78100	64200
Upper Quartile	31050	32700	34400	36200	38050	39950	41850	43800	45750	49500	54650	58850	62000	64100	65350	66000	66300	66450	53600
Median	29750	31300	32850	34450	36050	37700	39300	40900	42450	45450	49300	52350	54500	55950	56800	57250	57450	57550	45400
Lower Quartile	28500	29950	31350	32800	34200	35550	36900	38200	39450	41750	44650	46800	48300	49300	49850	50150	50300	50350	38050
Lower Decile	27200	28450	29700	30950	32100	33250	34400	35450	36450	38250	40500	42100	43250	43950	44350	44600	44700	44700	33050
Mean	30400	31750	33150	34650	36200	37800	39450	41100	42750	45950	50350	53950	56650	58400	59500	60050	60300	60450	47700
Raw (Unsmoothed) Statistics																			
Upper Decile	31600	33850	37000	39450	41900	43900	45650	47700	48950	52350	58150	64700	67200	76750	78700	84450	79650	87600	64200
Upper Quartile	29900	32250	34700	36550	39300	40700	42100	44600	45750	48750	52550	57100	59900	65350	66750	68950	67000	72850	53600
Median	29050	31050	32850	34700	36950	38300	39250	40950	42600	45150	48250	51150	53250	57000	57600	58400	56000	61450	45400
Lower Quartile	28150	30050	30950	32600	35000	36300	36800	37900	39400	41300	44400	46450	47900	49500	49650	49550	48200	53350	38050
Lower Decile	26600	28600	29350	30750	33150	34000	34450	34700	36550	37650	40300	41650	42700	44250	44800	44200	43150	47200	33050
Mean	29350	31350	33300	34950	37300	38750	39650	41350	42800	45150	48900	52450	54750	59350	60250	62400	59500	66550	47700
Supporting Data																			
Total Number	159	334	340	334	499	486	451	366	389	952	1113	986	511	481	342	311	218	562	8834
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	2	2	3	7	1	19	34
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

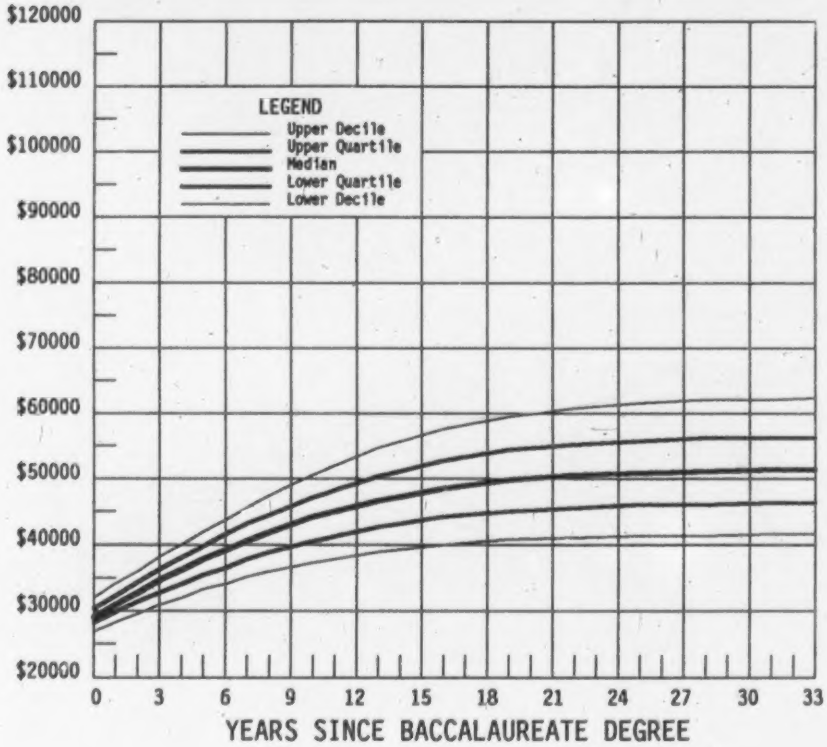
SALARY CURVES FOR ENGINEERS IN ELECTRIC AND GAS UTILITIES SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: ELECTRIC AND GAS UTILITIES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	48200	49650	51100	52650	54200	57500	62750	68350	74200	80200	86100	91650	96600	104200	77150
Upper Quartile	0	0	0	0	45400	46600	47850	49150	50450	53100	57200	61400	65500	69350	72850	75750	77850	78750	65550
Median	0	0	0	0	42350	43350	44400	45500	46550	48750	52050	55300	58450	61350	63900	65900	67300	67400	56100
Lower Quartile	0	0	0	0	39900	40750	41600	42450	43350	45100	47750	50300	52700	54850	56700	58100	59050	58950	48800
Lower Decile	0	0	0	0	38000	38650	39300	39950	40550	41850	43700	45500	47200	48700	50050	51100	51900	52400	43500
Mean	0	0	0	0	42750	43850	44950	46050	47200	49500	53100	56700	60300	63700	66800	69500	71600	73550	59400
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	46900	49100	51200	55500	53300	56300	63450	69450	71900	84250	83250	92600	86500	106400	77150
Upper Quartile	0	0	0	0	44750	46150	47200	49700	49900	52800	58000	61950	64600	70100	71650	75700	74200	79650	65550
Median	0	0	0	0	40550	41750	44400	47000	46600	49000	52700	55400	57750	62600	63750	64400	63400	68400	56100
Lower Quartile	0	0	0	0	38500	39150	41100	44450	43300	45250	48050	50600	52300	56200	56750	56500	54350	60100	48800
Lower Decile	0	0	0	0	36750	37500	38750	40500	40400	41650	44450	45850	47200	49500	50500	49400	46900	53650	43500
Mean	0	0	0	0	41550	43200	44800	47700	47100	49150	53550	56950	59450	65250	66400	69650	66000	74600	59400
Supporting Data																			
Total Number	2	3	11	15	43	67	58	58	66	249	398	448	253	268	199	184	118	339	2779
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	2	2	3	7	1	19	34
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

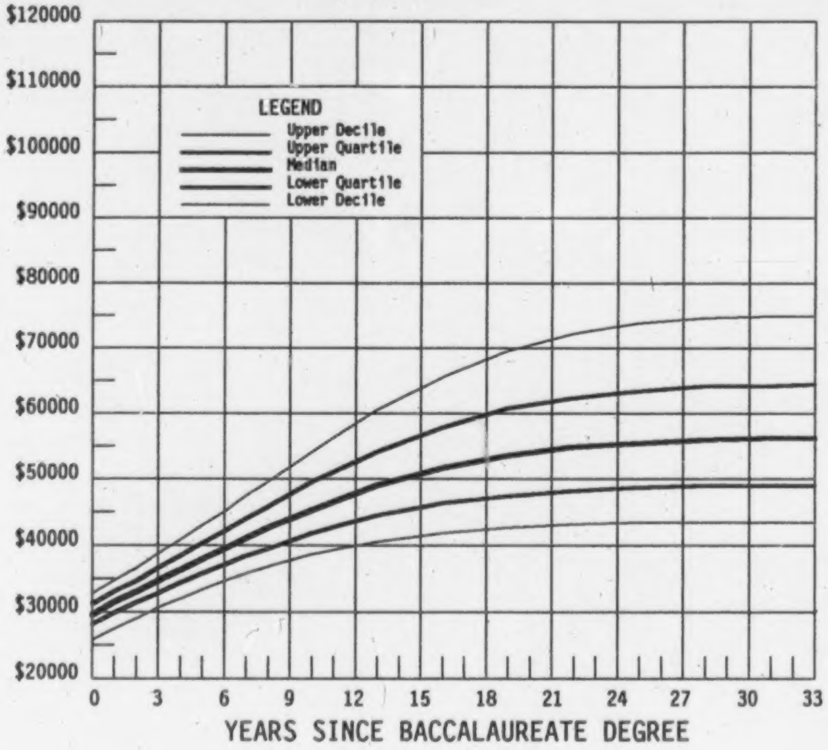
SALARY CURVES FOR ENGINEERS IN ELECTRIC AND GAS UTILITIES NON-SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: ELECTRIC AND GAS UTILITIES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32050	34050	36050	38050	40050	41950	43850	45650	47400	50600	54550	57550	59600	60900	61700	62100	62250	62350	53250
Upper Quartile	30400	32350	34300	36200	38050	39800	41500	43100	44600	47300	50500	52800	54350	55300	55850	56150	56300	56350	47750
Median	29200	31050	32800	34550	36200	37750	39250	40600	41900	44150	46800	48650	49850	50600	51050	51250	51350	51400	41300
Lower Quartile	28300	29850	31350	32800	34150	35450	36650	37800	38800	40600	42700	44150	45100	45700	46050	46200	46300	46350	35850
Lower Decile	26950	28350	29700	30950	32100	33200	34200	35100	35900	37350	38900	40000	40700	41100	41350	41450	41500	41550	31650
Mean	29650	31350	33000	34650	36200	37700	39150	40500	41800	44100	46900	48900	50250	51100	51600	51850	52000	52050	42300
Raw (Unsmoothed) Statistics																			
Upper Decile	31450	33800	36000	38450	40900	42700	43750	45850	47400	49700	52700	57550	59300	61900	62550	63000	64800	66300	53250
Upper Quartile	29850	32250	34550	36300	38750	40200	40950	43200	44700	47050	49500	52200	54250	56250	55900	57800	56450	59000	47750
Median	29000	31050	32750	34600	36700	37800	38800	40200	42050	44100	46750	48450	49950	50650	49950	50550	50450	53650	41300
Lower Quartile	28150	30050	30900	32550	34800	36100	36500	37200	38750	40250	42800	44050	45250	46200	46050	45100	44700	48000	35850
Lower Decile	26600	28550	29300	30700	33000	33650	34150	34200	36250	36800	38800	39800	40550	41750	41600	41400	41250	42700	31650
Mean	29200	31300	33000	34750	36900	38050	38900	40150	41950	43700	46300	48700	50100	51900	51750	51850	51900	54300	42300
Supporting Data																			
Total Number	157	331	329	319	456	419	393	308	323	703	715	538	258	213	143	127	100	223	6055
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

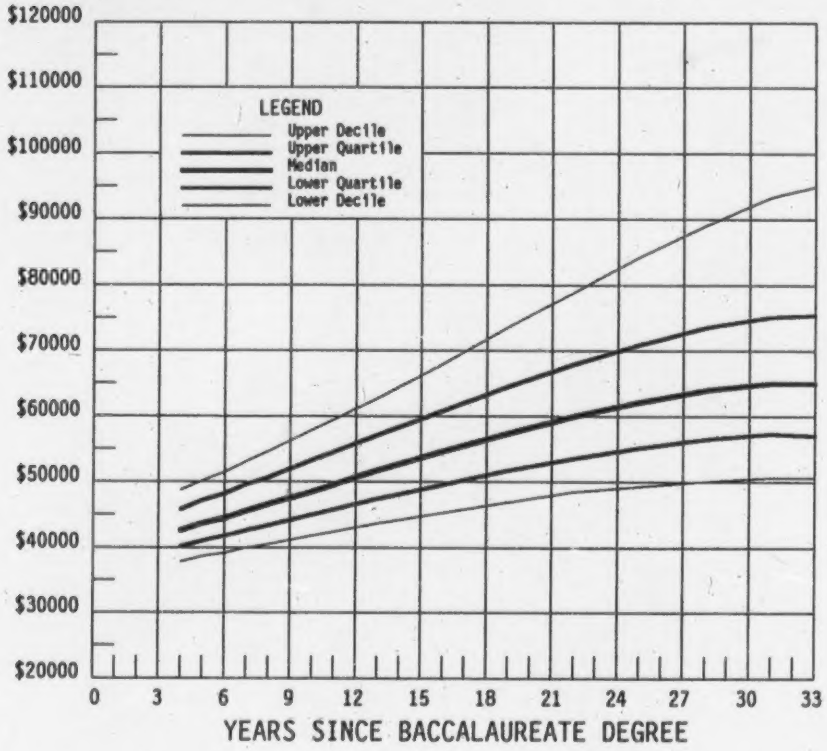
SALARY CURVES FOR ENGINEERS IN ELECTRIC UTILITIES
ALL ENGINEERS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: ELECTRIC UTILITIES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32750	34600	36550	38600	40700	42900	45150	47400	49700	54200	60450	65650	69550	72150	73750	74600	75000	75200	62450
Upper Quartile	31300	33000	34800	36600	38450	40350	42250	44100	45950	49500	54200	57950	60700	62500	63550	64150	64400	64500	52700
Median	29700	31350	33000	34650	36300	37950	39550	41100	42600	45400	49000	51700	53600	54850	55550	55950	56150	56200	45000
Lower Quartile	28200	29750	31350	32850	34350	35750	37100	38400	39600	41800	44400	46300	47550	48350	48800	49050	49150	49200	38100
Lower Decile	25850	27550	29150	30650	32100	33450	34650	35800	36800	38550	40500	41800	42600	43100	43350	43500	43550	43600	32800
Mean	29800	31400	33000	34650	36350	38050	39700	41350	42950	46050	50100	53250	55550	57000	57900	58350	58600	58700	46950
Raw (Unsmoothed) Statistics																			
Upper Decile	31900	33900	36950	39200	41900	44050	45900	48250	49050	53200	57900	63650	65950	73200	75150	80900	78050	83850	62450
Upper Quartile	30950	32650	34800	36300	39450	41100	42650	44800	45800	49250	52550	56350	58400	63500	64700	66100	65100	70200	52700
Median	29450	31250	32850	34300	37000	38650	39600	41150	42700	45400	48100	50800	52200	55650	56000	57200	55250	59450	45000
Lower Quartile	28150	30100	30900	32100	34750	36450	37100	38200	39600	41650	44350	46150	47100	48700	47900	48750	47550	51250	38100
Lower Decile	24850	28500	29000	30350	32800	34050	34750	35000	36600	38100	40300	41600	42400	44100	41600	44050	42900	45400	32800
Mean	29100	31400	33100	34500	37200	38950	39950	41600	42850	45650	48750	51950	53600	57950	57900	60650	58400	64150	46950
Supporting Data																			
Total Number	323	444	466	468	697	745	685	520	590	1415	1580	1376	755	666	476	420	314	747	12687
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	2	3	3	7	1	22	38
Less Than $22000	19	3	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	25

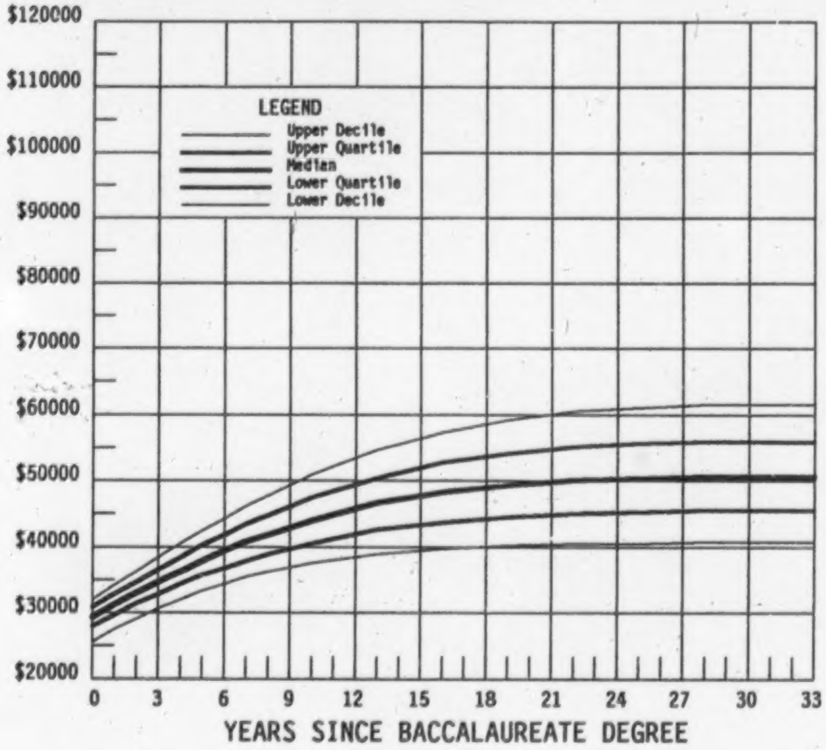
SALARY CURVES FOR ENGINEERS IN ELECTRIC UTILITIES
SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: ELECTRIC UTILITIES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	48700	50100	51550	53050	54550	57750	62750	68050	73500	79000	84300	89200	93400	99150	74000
Upper Quartile	0	0	0	0	45950	47100	48300	49500	50700	53200	57000	60800	64500	67950	71000	73500	75300	76000	63700
Median	0	0	0	0	42700	43650	44650	45650	46600	48650	51650	54600	57400	59950	62200	63950	65150	65350	54950
Lower Quartile	0	0	0	0	40250	41050	41850	42650	43450	45050	47400	49700	51800	53650	55250	56450	57200	56950	48300
Lower Decile	0	0	0	0	37950	38600	39250	39900	40550	41850	43700	45450	47050	48400	49450	50250	50700	50100	43600
Mean	0	0	0	0	43150	44150	45200	46250	47300	49500	52800	56100	59350	62450	65250	67600	69450	71100	58050
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	46600	48750	49650	55500	53050	59100	63150	68450	71250	81650	81300	90300	87100	100950	74000
Upper Quartile	0	0	0	0	44600	45750	46700	50400	50250	53900	57750	61050	63600	67950	70400	73450	71900	77000	63700
Median	0	0	0	0	40550	41400	44250	46950	46650	49350	52250	54700	56500	60500	62500	62850	61350	66450	54950
Lower Quartile	0	0	0	0	38250	38850	41100	44600	43300	45650	47700	50050	51500	53850	55800	54850	53750	58000	48300
Lower Decile	0	0	0	0	35200	36550	38650	40850	40650	42000	44550	46150	47450	47400	49500	48850	46950	51350	43600
Mean	0	0	0	0	41100	42700	44350	48100	47150	50000	53250	56250	58600	63150	64950	67700	64600	72300	58050
Supporting Data																			
Total Number	3	6	13	20	58	77	82	85	99	399	567	631	339	367	251	237	169	422	3825
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	2	3	3	7	1	22	38
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

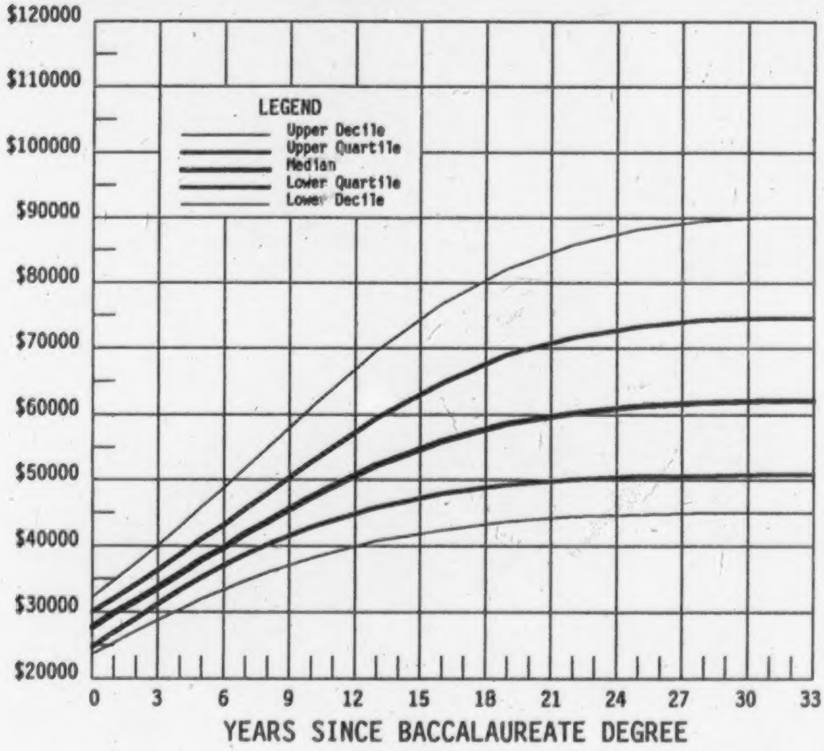
SALARY CURVES FOR ENGINEERS IN ELECTRIC UTILITIES
NON-SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: ELECTRIC UTILITIES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32100	34250	36350	38400	40450	42400	44300	46100	47800	50900	54650	57400	59250	60450	61100	61500	61650	61700	53000
Upper Quartile	30900	32800	34750	36600	38400	40150	41800	43350	44800	47400	50500	52700	54200	55150	55700	55950	56100	56150	47400
Median	29300	31200	33000	34700	36350	37900	39400	40700	41950	44100	46550	48250	49350	50050	50400	50600	50700	50750	41400
Lower Quartile	28000	29700	31350	32850	34300	35650	36850	37950	38950	40650	42550	43800	44600	45100	45350	45500	45550	45600	35900
Lower Decile	25700	27450	29100	30650	32050	33300	34450	35400	36250	37600	38950	39750	40250	40500	40600	40700	40700	40750	31500
Mean	29300	31150	32950	34700	36350	37900	39400	40750	42000	44250	46800	48600	49800	50550	50950	51150	51250	51300	42150
Raw (Unsmoothed) Statistics																			
Upper Decile	31850	33900	36450	38400	40900	43450	44650	46150	47250	50400	53000	56950	58550	61350	61000	62850	64350	66200	53000
Upper Quartile	30900	32650	34650	36000	39050	40750	41800	43250	44800	47300	49650	52100	53400	56100	55350	58050	55750	58850	47400
Median	29400	31200	32800	34250	36750	38350	39150	40350	42150	44100	46500	48100	49450	50400	48900	50100	49350	52800	41400
Lower Quartile	28100	30100	30850	32000	34600	36300	36800	37600	39000	40650	42700	43600	44800	45850	43100	45000	44650	47000	35900
Lower Decile	24800	28450	28950	30300	32650	33850	34450	34450	36200	37150	38800	39650	40300	41800	39450	40750	40500	42150	31500
Mean	29000	31350	32900	34300	36850	38500	39350	40350	42000	43950	46300	48350	49500	51550	50050	51550	51200	53600	42150
Supporting Data																			
Total Number	320	438	453	448	639	668	603	435	491	1016	1013	745	416	299	225	183	145	325	8862
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	19	3	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	25

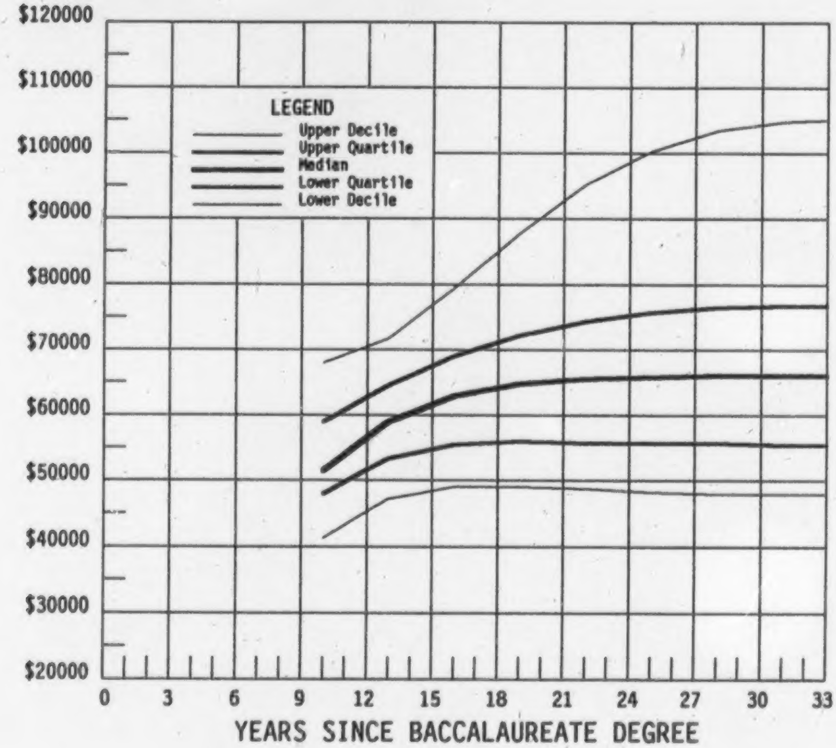
SALARY CURVES FOR ENGINEERS IN GAS UTILITIES
ALL ENGINEERS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: GAS UTILITIES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32350	34800	37350	40050	42900	45800	48800	51800	54900	60950	69500	76750	82250	86000	88250	89500	90050	90300	72200
Upper Quartile	30050	32050	34150	36350	38600	40950	43300	45700	48100	52850	59400	64900	69000	71750	73400	74300	74700	74900	59000
Median	27800	29750	31700	33700	35750	37750	39750	41750	43700	47350	52150	55900	58600	60350	61350	61900	62150	62300	47450
Lower Quartile	24750	26900	29050	31200	33200	35150	37000	38700	40250	42950	46000	48050	49300	50100	50550	50750	50850	50900	38550
Lower Decile	23750	25450	27200	28850	30450	32000	33400	34750	36000	38200	40750	42500	43650	44400	44800	45000	45100	45150	32050
Mean	27750	29750	31750	33850	36000	38150	40350	42500	44650	48750	54200	58600	61800	63950	65200	65900	66200	66350	51000
Raw (Unsmoothed) Statistics																			
Upper Decile	31700	34300	37200	42800	44150	45500	50450	52100	49900	63200	66900	75600	81350	75600	79200	103350	87500	105000	72200
Upper Quartile	30700	31750	34500	35500	39350	39100	43250	46700	47000	54100	61200	66400	67000	67000	66000	82500	74650	73000	59000
Median	28350	29450	31000	32800	37300	36900	40100	42800	42800	47700	52700	56000	57600	56650	58000	72000	65350	58650	47450
Lower Quartile	23700	28500	28350	30750	35500	34750	38100	39500	39100	42300	44250	48650	47750	52250	49250	53750	56000	49500	38550
Lower Decile	22700	27400	25400	29200	32600	31000	34400	37600	35200	37100	38100	44700	41300	47300	45200	46400	46000	45100	32050
Mean	27450	30050	31300	34250	37500	37200	40750	43600	42750	49300	53750	59100	59200	60400	62500	71550	68800	67300	51000
Supporting Data																			
Total Number	17	17	14	18	19	30	34	26	32	62	61	64	32	21	22	26	20	38	553
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	3	5
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

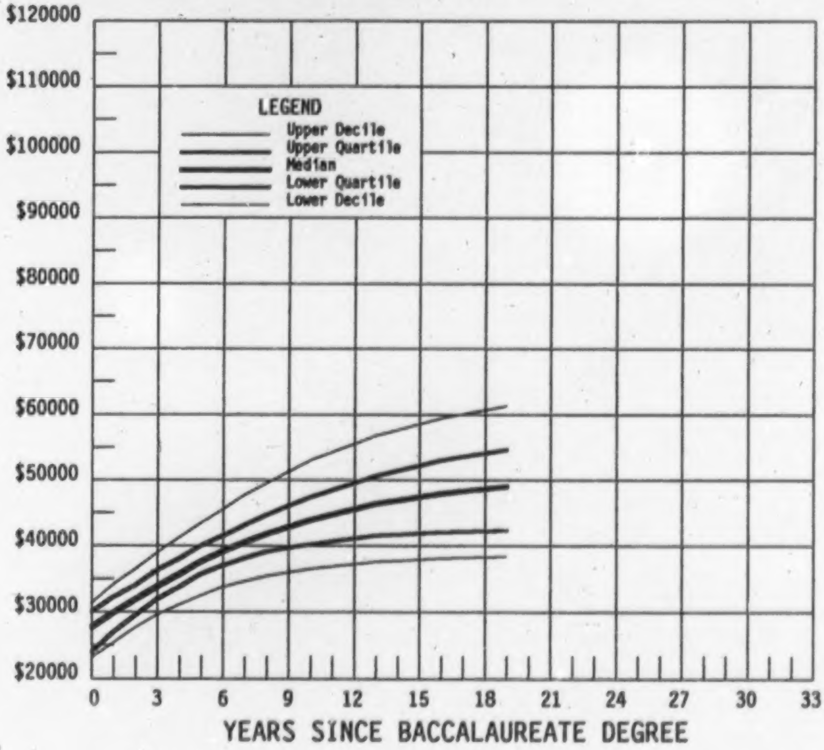
SALARY CURVES FOR ENGINEERS IN GAS UTILITIES
SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: GAS UTILITIES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	68050	71700	79350	87850	95200	100400	103450	104900	105650	84100
Upper Quartile	0	0	0	0	0	0	0	0	0	58900	64500	69000	72300	74450	75750	76450	76750	76900	70350
Median	0	0	0	0	0	0	0	0	0	51350	58850	62900	64850	65650	66000	66150	66200	66200	59150
Lower Quartile	0	0	0	0	0	0	0	0	0	48100	53400	55450	55900	55850	55700	55600	55550	55500	50600
Lower Decile	0	0	0	0	0	0	0	0	0	41250	47200	49100	49150	48700	48300	48050	47950	47850	44600
Mean	0	0	0	0	0	0	0	0	0	54700	59850	64050	67200	69300	70600	71250	71550	71700	63100
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	67850	71600	82000	82500	94000	86500	106650	89250	125000	84100
Upper Quartile	0	0	0	0	0	0	0	0	0	59000	63550	71500	69350	72000	67650	84150	79000	76650	70350
Median	0	0	0	0	0	0	0	0	0	51100	60000	62400	64000	64000	61000	76000	70000	62650	59150
Lower Quartile	0	0	0	0	0	0	0	0	0	47900	54200	54950	56000	56000	50400	62000	58500	53400	50600
Lower Decile	0	0	0	0	0	0	0	0	0	41150	47600	48800	48500	51800	45050	50600	50900	46250	44600
Mean	0	0	0	0	0	0	0	0	0	54450	60650	64550	64900	67100	65050	76000	74300	72050	63100
Supporting Data																			
Total Number	0	0	0	5	0	5	6	4	7	31	32	42	20	12	17	22	13	30	246
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	3	5
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

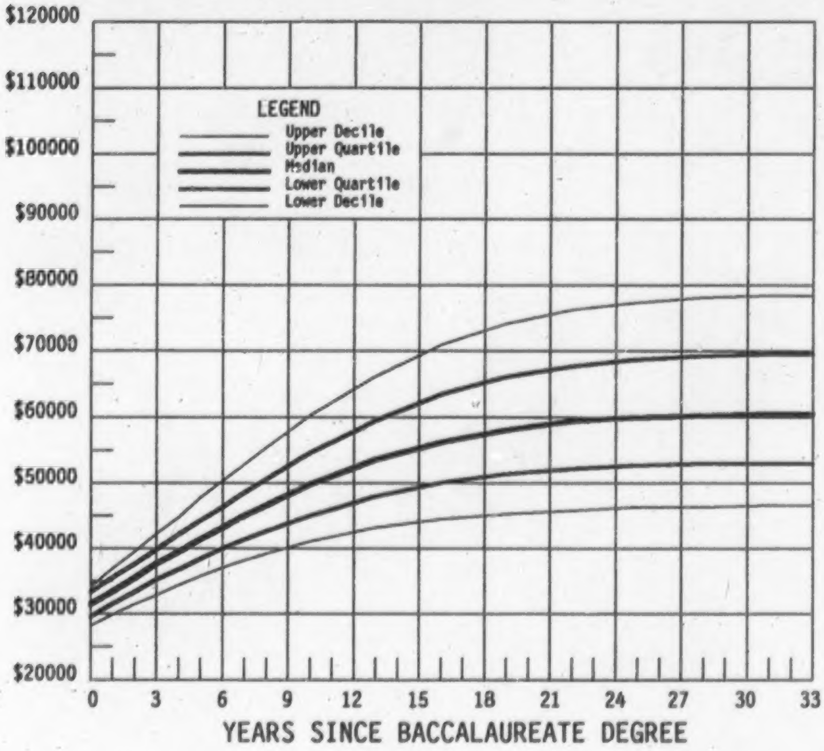
SALARY CURVES FOR ENGINEERS IN GAS UTILITIES
NON-SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: GAS UTILITIES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	31550	34050	36500	38950	41300	43550	45700	47750	49650	53000	56900	59600	61350	0	0	0	0	0	54000
Upper Quartile	30100	32150	34150	36150	38050	39900	41600	43250	44800	47500	50750	53100	54650	0	0	0	0	0	46700
Median	27650	29800	31900	33850	35750	37500	39100	40550	41850	44100	46500	48050	48950	0	0	0	0	0	40350
Lower Quartile	24050	26950	29550	31900	33900	35600	37000	38150	39100	40400	41550	42050	42300	0	0	0	0	0	34850
Lower Decile	23100	25450	27600	29500	31200	32550	33750	34700	35500	36600	37600	38100	38300	0	0	0	0	0	29650
Mean	27400	29650	31850	33950	35900	37750	39400	40900	42250	44500	46900	48400	49300	0	0	0	0	0	41250
Raw (Unsmoothed) Statistics																			
Upper Decile	31700	34300	37200	35400	44150	42500	44300	49700	48500	55700	58200	57050	59600	0	0	0	0	0	54000
Upper Quartile	30700	31750	34500	33400	39350	38550	42000	45900	45300	47200	49900	52250	56000	0	0	0	0	0	46700
Median	28350	29450	31000	31750	37300	36800	39850	42200	41300	44200	46500	48300	47000	0	0	0	0	0	40350
Lower Quartile	23700	28500	28350	30100	35500	34150	38250	39500	38850	39750	39900	45100	41000	0	0	0	0	0	34850
Lower Decile	22700	27400	25400	28850	32600	30500	34800	38100	35500	35100	35900	41300	37200	0	0	0	0	0	29650
Mean	27450	30050	31300	32350	37500	36300	39950	43100	41900	44150	46100	48700	49750	0	0	0	0	0	41250
Supporting Data																			
Total Number	17	17	14	13	19	25	28	22	25	31	29	22	12	9	5	4	7	8	307
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

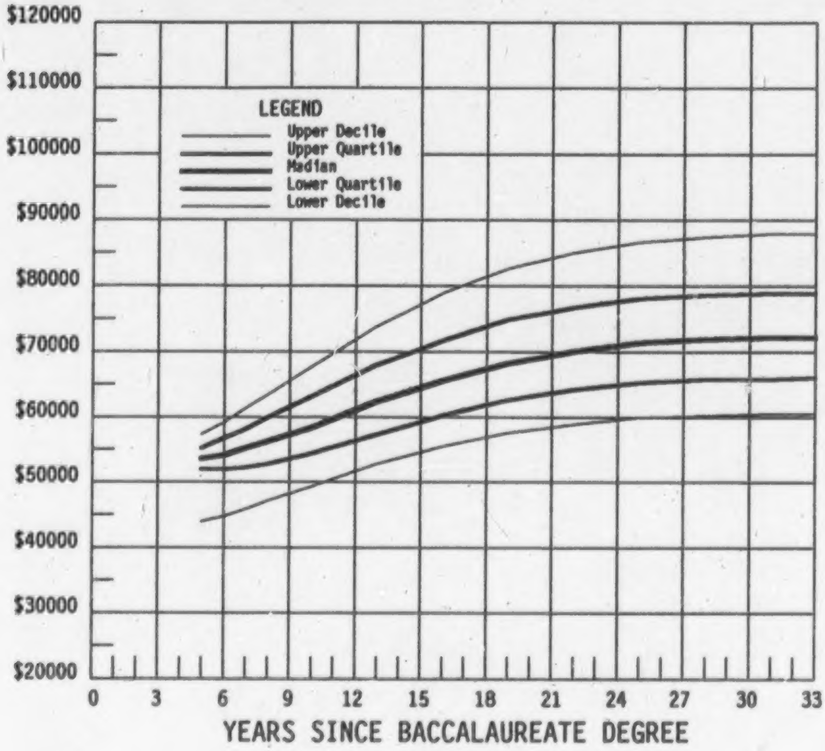
SALARY CURVES FOR ENGINEERS IN RESEARCH & DEVELOPMENT LABORATORIES
ALL ENGINEERS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: RESEARCH & DEVELOPMENT LABORATORIES

Years Since B.S.	0	1	2	3	4	5	6	7	6	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34200	36800	39500	42200	44900	47650	50300	52900	55450	60150	66200	70850	74100	76200	77450	78100	78400	78500	71700
Upper Quartile	33250	35400	37650	39850	42100	44300	46500	48650	50700	54550	59550	63350	66050	67800	68850	69350	69600	69750	61700
Median	31400	33450	35500	37550	39500	41450	43300	45100	46750	49800	53550	56300	58150	59350	60000	60400	60550	60600	51800
Lower Quartile	29700	31550	33350	35100	36800	38450	40000	41450	42800	45200	48050	50100	51450	52300	52800	53050	53150	53200	43450
Lower Decile	28150	29800	31400	32900	34350	35700	36950	38150	39200	41000	43100	44500	45450	46000	46300	46500	46550	46600	36700
Mean	31500	33550	35600	37600	39600	41600	43500	45300	47050	50250	54250	57200	59250	60550	61300	61700	61900	62000	53250
Raw (Unsmoothed) Statistics																			
Upper Decile	33250	37600	39700	40750	45350	48850	51500	52950	56150	59450	64200	69450	75200	77350	78050	79150	79700	77950	71700
Upper Quartile	31750	36400	37600	38850	42800	45800	48150	49550	51450	52850	57300	61750	66450	69250	70150	70700	71850	69250	61700
Median	30950	32600	36550	37000	39800	42400	44750	45750	47400	48750	51850	54400	58050	60150	61650	62000	63150	59800	51800
Lower Quartile	30150	30700	33700	35150	36700	38900	40600	41450	43250	44750	47250	49400	52350	53600	54250	54800	55300	50300	43450
Lower Decile	28600	29300	31650	32650	34450	36200	37200	37550	39150	40400	42900	44550	47800	48250	48450	48800	48600	41600	36700
Mean	31050	33400	36050	37000	39800	42450	44500	45650	47600	49400	52900	55900	59950	61750	62700	63300	64200	60100	53250
Supporting Data																			
Total Number	397	655	797	747	869	848	980	834	911	2259	2148	1990	1852	1867	1790	1700	1054	2840	24538
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	3
Less Than $22000	1	2	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	5

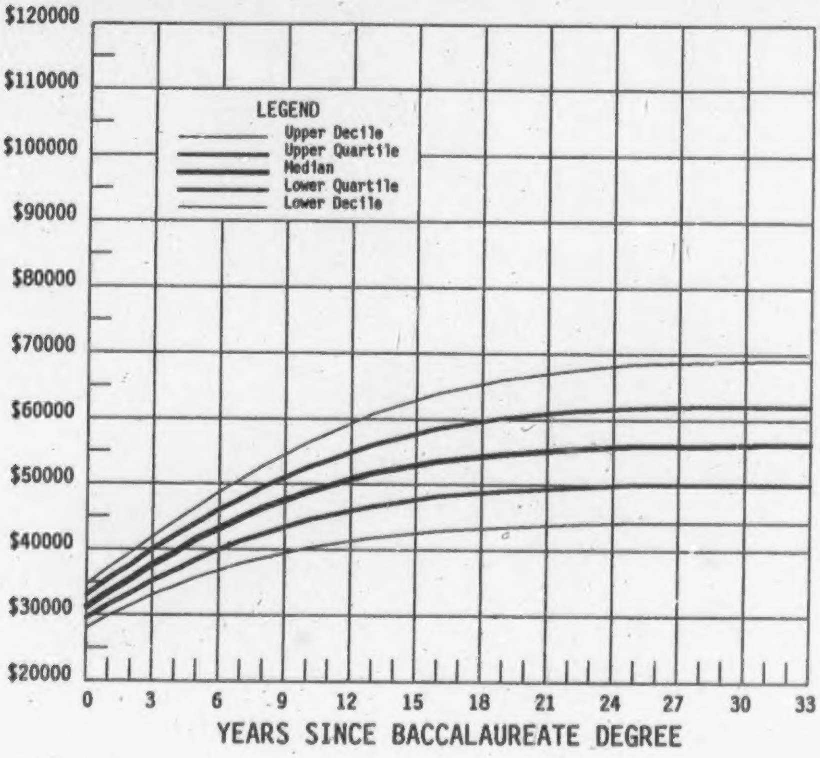
SALARY CURVES FOR ENGINEERS IN RESEARCH & DEVELOPMENT LABORATORIES SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: RESEARCH & DEVELOPMENT LABORATORIES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	57200	59250	61350	63500	67800	73800	78850	82650	85200	86750	87550	87950	88100	83950
Upper Quartile	0	0	0	0	0	55250	56700	58250	59900	63200	67900	71850	74850	76800	78050	78650	78950	79100	75450
Median	0	0	0	0	0	53650	54250	55100	56150	58500	62300	65700	68350	70200	71350	71950	72250	72350	68150
Lower Quartile	0	0	0	0	0	51950	51950	52250	52850	54500	57450	60350	62650	64250	65250	65800	66000	66150	61250
Lower Decile	0	0	0	0	0	43950	44900	46000	47100	49450	52750	55550	57600	59050	59900	60350	60550	60650	55300
Mean	0	0	0	0	0	52850	53800	54900	56150	58800	62900	66500	69250	71150	72300	72900	73200	73350	68900
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	55400	59300	62650	63650	67500	75150	77150	83450	83750	85900	88350	89600	88500	83950
Upper Quartile	0	0	0	0	0	52700	55950	59150	60750	64200	67650	70650	74800	76350	77800	78750	79350	80100	75450
Median	0	0	0	0	0	51500	53950	55300	57300	59000	62050	64950	68300	70150	71300	71900	72300	72950	68150
Lower Quartile	0	0	0	0	0	50300	50900	53000	54050	54850	57100	59950	62350	64400	65350	65650	66450	66300	61250
Lower Decile	0	0	0	0	0	41900	43850	46050	49050	50150	52400	54650	56900	59400	60600	60100	60650	60900	55300
Mean	0	0	0	0	0	50900	53450	55200	56800	59450	63000	65500	69000	70750	72300	72900	73800	73950	68900
Supporting Data																			
Total Number	0	1	2	2	9	26	57	64	111	309	436	508	627	645	622	604	372	711	5106
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	3
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

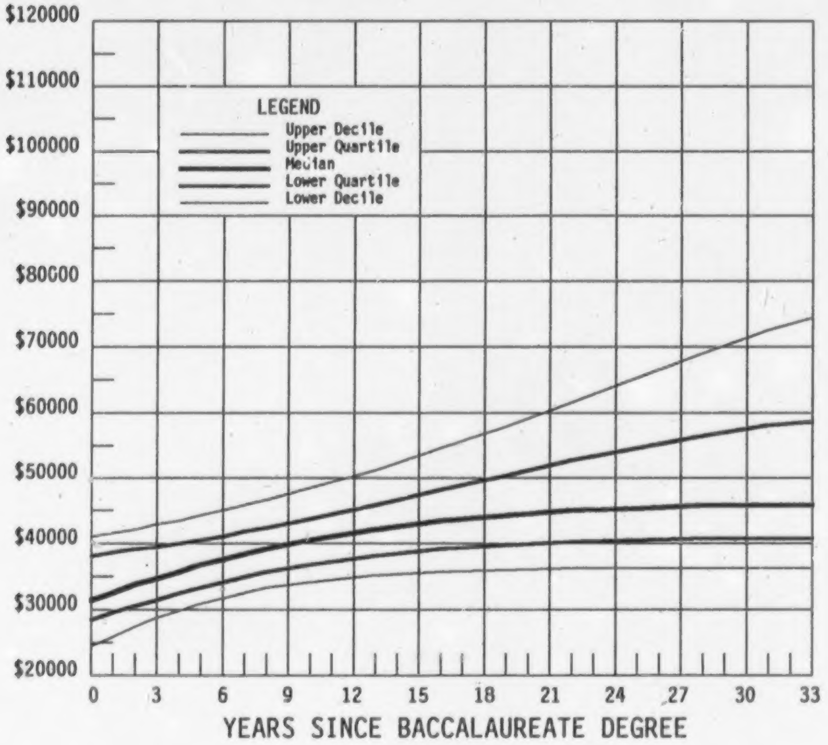
SALARY CURVES FOR ENGINEERS IN RESEARCH & DEVELOPMENT LABORATORIES NON-SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: RESEARCH & DEVELOPMENT LABORATORIES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34550	37000	39450	41850	44200	46500	48700	50800	52800	56400	60800	64000	66200	67600	68400	68800	69000	69050	63200
Upper Quartile	33100	35400	37700	39900	42050	44100	46050	47850	49550	52550	56100	58550	60200	61200	61800	62100	62200	62300	55750
Median	31150	33350	35550	37650	39600	41500	43200	44800	46300	48800	51650	53550	54750	55500	55900	56100	56200	56250	48700
Lower Quartile	29600	31550	33400	35200	36850	38450	39900	41200	42400	44450	46700	48200	49150	49700	50000	50150	50200	50250	41200
Lower Decile	28100	29800	31450	32950	34400	35650	36800	37850	38750	40300	41950	42950	43600	43950	44150	44250	44250	44300	35950
Mean	31450	33550	35600	37600	39500	41300	43000	44550	46050	48600	51550	53650	55000	55850	56300	56550	56650	56700	49150
Raw (Unsmoothed) Statistics																			
Upper Decile	33250	37600	39650	40750	45200	48150	50000	51650	52750	55150	58350	62350	64700	69000	69300	69800	72100	70300	63200
Upper Quartile	31750	36400	37600	38850	42800	45550	47550	48800	49850	51350	54100	56400	59300	61600	63200	63300	65050	63200	55750
Median	30950	32600	36550	37000	39750	42250	44450	45300	46600	47850	50500	52200	54550	56100	56850	57700	58300	55850	48700
Lower Quartile	30150	30750	33700	35150	36700	38800	40300	41100	42650	44150	46100	47850	50450	51150	51550	51900	52200	47300	41200
Lower Decile	28600	29300	31650	32650	34450	36150	37000	37350	38750	39700	42000	43300	46250	46350	46350	46350	46200	39600	35950
Mean	31050	33400	36000	36950	39750	42150	43950	44900	46300	47800	50300	52600	55250	57050	57600	58000	58950	55450	49150
Supporting Data																			
Total Number	397	654	795	745	860	822	923	770	800	1950	1712	1482	1225	1222	1168	1096	682	2129	19432
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Then $22000	1	2	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	5

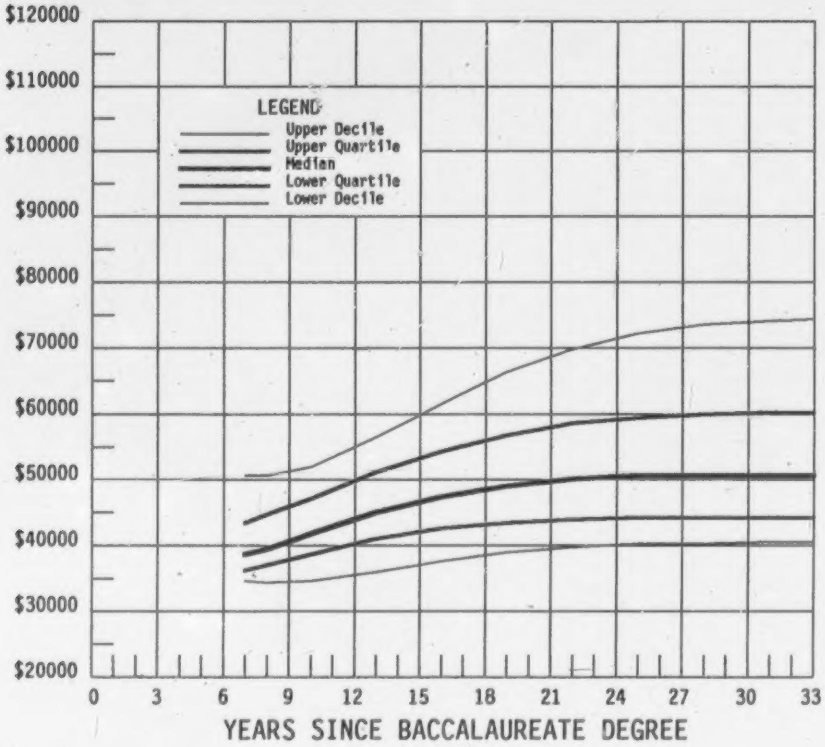
SALARY CURVES FOR ENGINEERS IN OTHER NON-MANUFACTURING ALL ENGINEERS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: OTHER NON-MANUFACTURING

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	41050	41650	42250	42900	43550	44250	45000	45800	46650	48400	51300	54550	58000	61700	65450	69150	72650	79150	58500
Upper Quartile	38250	38650	39100	39550	40050	40600	41150	41750	42400	43750	45850	48150	50450	52700	54800	56650	58150	60350	47250
Median	31550	32650	33750	34800	35800	36700	37600	38400	39200	40550	42200	43450	44350	45000	45450	45750	45900	46050	42400
Lower Quartile	28450	29600	30650	31600	32550	33450	34250	35000	35700	36850	38200	39150	39800	40250	40500	40700	40800	40850	37650
Lower Decile	24400	26000	27450	28750	29900	30900	31800	32550	33200	34200	35150	35750	36050	36200	36250	36300	36300	36350	33650
Mean	32950	33750	34600	35400	36200	37050	37850	38600	39400	40900	43050	45000	46750	48300	49600	50650	51450	52500	44950
Raw (Unsmoothed) Statistics																			
Upper Decile	42200	40650	42700	43000	42400	42100	46700	46550	48200	46550	55400	52650	58750	63650	59050	69000	78400	97000	58500
Upper Quartile	38000	39200	39700	40250	38250	39300	41750	43300	43250	43200	45800	47450	49750	57100	52050	57100	62650	68000	47250
Median	29350	34000	35150	36000	33450	36700	38550	39300	40300	39650	41800	43700	44650	45000	45050	47750	46250	52450	42400
Lower Quartile	27000	29350	32500	30650	31400	33100	35500	36050	38000	36600	37000	37850	41200	40800	40600	43000	42350	45000	37650
Lower Decile	25200	25600	28200	28000	27250	31000	32900	34200	34500	34050	34150	35400	37200	36700	38150	39050	39050	34800	33650
Mean	31450	34100	35200	35350	34550	36350	39450	40150	40900	40700	42450	44300	46250	50400	46900	52050	56500	60000	44950
Supporting Data																			
Total Number	12	16	23	20	31	25	31	49	52	133	118	157	111	97	77	75	44	68	1128
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	2	5
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

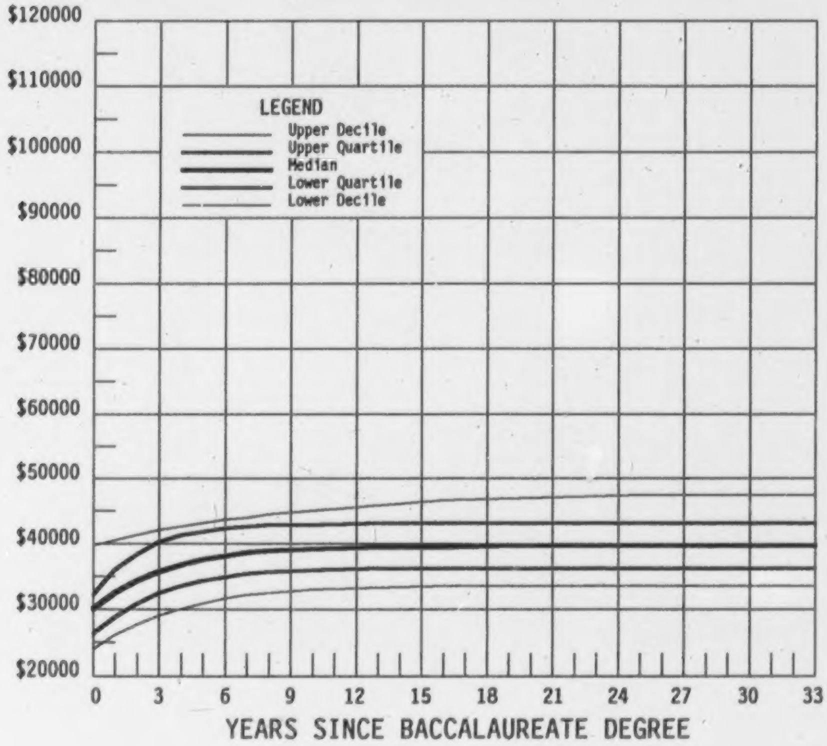
SALARY CURVES FOR ENGINEERS IN OTHER NON-MANUFACTURING SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: OTHER NON-MANUFACTURING, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	50600	50600	52100	56450	61600	66300	69950	72300	73650	74250	74550	65800
Upper Quartile	0	0	0	0	0	0	0	43550	44750	47300	51100	54400	56900	58550	59550	60050	60250	60350	56900
Median	0	0	0	0	0	0	0	38550	39550	41800	45050	47550	49200	50100	50550	50700	50800	50800	46950
Lower Quartile	0	0	0	0	0	0	0	36250	37050	38700	40950	42550	43500	44000	44250	44350	44350	44350	41450
Lower Decile	0	0	0	0	0	0	0	34750	34450	34700	36050	37600	38850	39700	40150	40400	40500	40500	36200
Mean	0	0	0	0	0	0	0	40750	41350	43050	46150	49250	51750	53550	54650	55300	55550	55700	50950
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	48950	52250	52600	58800	59400	63000	71200	64800	76000	98750	98000	65800
Upper Quartile	0	0	0	0	0	0	0	43450	46250	45000	54100	52250	58200	61700	56850	61000	71500	70650	56900
Median	0	0	0	0	0	0	0	37800	42150	40200	45100	47500	50750	56000	47000	52400	60650	54800	46950
Lower Quartile	0	0	0	0	0	0	0	35450	39350	38000	39100	44400	45950	44350	44700	45850	45400	50550	41450
Lower Decile	0	0	0	0	0	0	0	34400	35650	34200	35400	37150	42500	39900	40600	42500	39500	47400	36200
Mean	0	0	0	0	0	0	0	40250	43200	42000	46000	49200	52300	57800	50800	56200	66100	65150	50950
Supporting Data																			
Total Number	2	1	4	6	6	3	9	27	25	44	54	69	50	52	46	50	25	48	509
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	2	5
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN OTHER NON-MANUFACTURING NON-SUPERVISORS, ALL DEGREE LEVELS

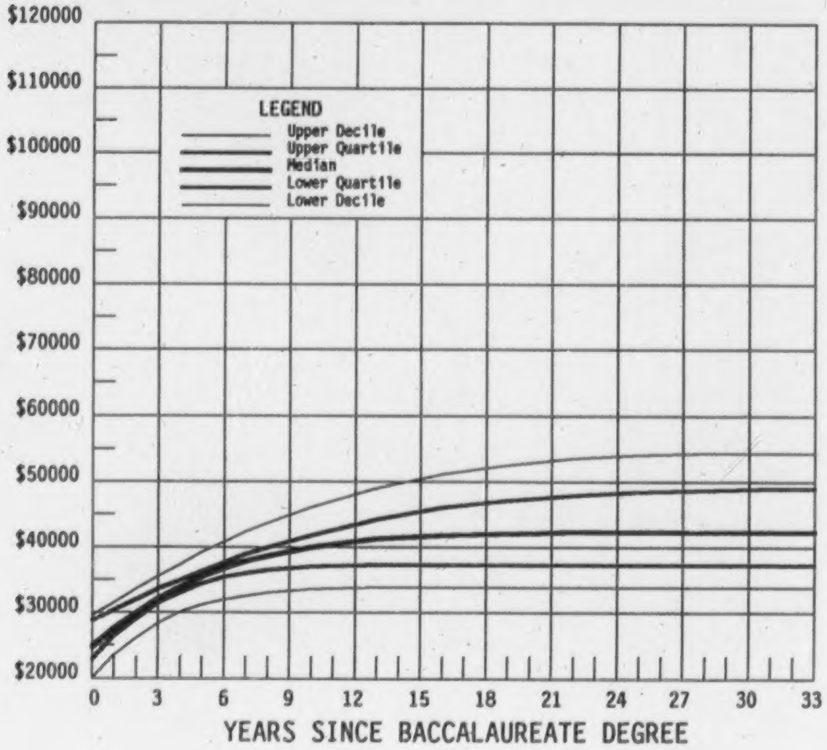


ENGINEERING SALARY STATISTICS: OTHER NON-MANUFACTURING, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	39850	40650	41350	42000	42600	43150	43650	44100	44500	45200	46000	46550	46900	47150	47350	47450	47500	47550	46050
Upper Quartile	32350	36000	38500	40150	41250	41950	42400	42700	42850	43050	43200	43200	43200	43200	43200	43200	43200	43200	43300
Median	30250	32550	34400	35800	36850	37650	38200	38600	38900	39250	39500	39600	39650	39650	39650	39650	39650	39650	39900
Lower Quartile	26400	28900	30900	32450	33600	34450	35050	35450	35700	36050	36250	36300	36300	36300	36300	36300	36300	36300	36350
Lower Decile	24100	26050	27700	29050	30150	31000	31650	32150	32550	33050	33450	33600	33700	33700	33700	33700	33700	33700	32300
Mean	30450	32550	34300	35700	36750	37600	38250	38750	39100	39600	39950	40100	40150	40200	40200	40200	40200	40200	40000
Raw (Unsmoothed) Statistics																			
Upper Decile	38000	40700	42500	43500	42100	42350	43200	46000	44200	45500	45400	46150	46350	47600	46500	53200	51500	95000	46050
Upper Quartile	30500	39350	39500	41250	38750	39900	41150	43600	41000	42650	43050	43850	44450	45100	44450	47000	48000	64000	43300
Median	28650	35000	35200	37000	33150	37150	38650	40700	39400	39100	39650	40550	42150	42000	41000	43150	43000	39000	39900
Lower Quartile	26500	29150	32000	31850	30600	33650	36300	37400	37350	36300	36200	36800	38300	38000	38800	40000	41350	33000	36350
Lower Decile	25000	25500	28000	30350	27000	30400	33150	33550	32800	33650	33600	33900	36250	33850	36800	37850	39000	30000	32300
Mean	29250	34200	35000	36750	34100	36800	38550	40450	39050	39950	39450	40200	41500	42100	41300	44150	45300	47650	40000
Supporting Data																			
Total Number	10	15	20	15	25	22	23	23	28	90	64	88	63	48	32	28	20	20	621
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CURVES AND TABLES FOR GOVERNMENT

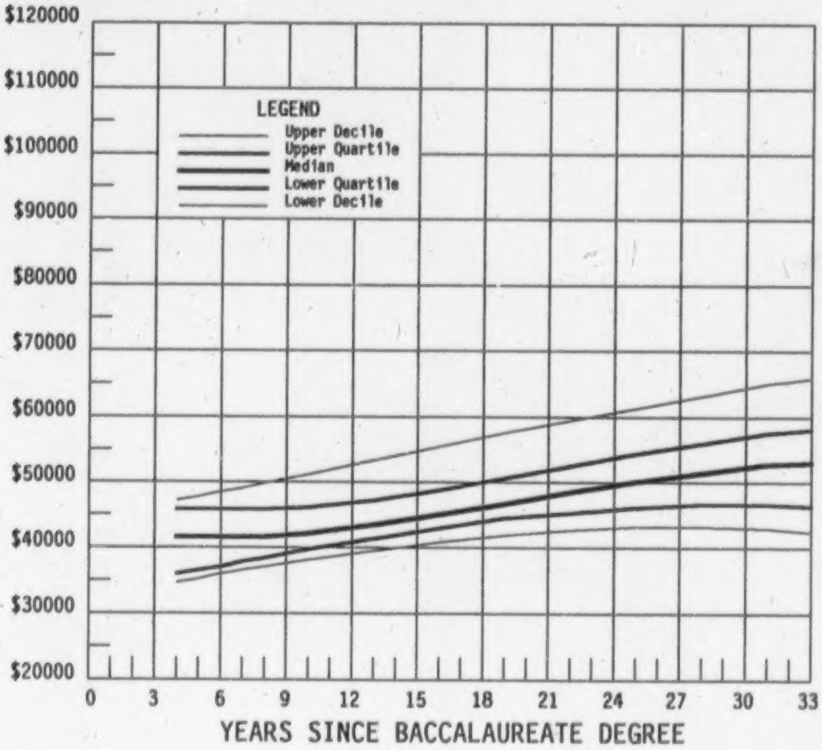
SALARY CURVES FOR ENGINEERS IN FEDERAL GOVERNMENT
ALL ENGINEERS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: FEDERAL GOVERNMENT

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	29600	31600	33600	35500	37350	39150	40800	42350	43750	46250	49200	51250	52600	53500	54000	54300	54450	54550	47750
Upper Quartile	28800	30400	31950	33500	34950	36300	37600	38850	39950	41950	44350	46050	47250	48050	48550	48850	49050	49150	42550
Median	24850	27450	29800	31900	33800	35350	36700	37850	38750	40100	41300	41900	42150	42300	42350	42350	42350	42350	36100
Lower Quartile	23000	26350	29150	31400	33150	34450	35350	36000	36450	37000	37250	37350	37350	37350	37350	37350	37350	37350	31100
Lower Decile	20100	23400	26200	28350	30000	31150	32000	32600	33000	33550	33850	33950	34000	34000	34000	34000	34000	34000	28250
Mean	26050	28100	30000	31800	33450	34900	36250	37400	38400	40050	41700	42650	43250	43550	43700	43750	43750	43800	37250
Raw (Unsmoothed) Statistics																			
Upper Decile	29650	30950	33850	35900	37550	40200	41900	45950	42450	46150	46550	50700	48800	54500	54000	56950	59350	58700	47750
Upper Quartile	28950	29750	32250	33900	35150	35950	39450	41550	39500	42150	43000	44800	45500	47400	50300	51050	52100	49400	42550
Median	23750	28950	30750	32500	33500	34250	35600	35750	35650	39250	39850	41850	42500	43500	44950	44300	43550	43200	36100
Lower Quartile	22300	28100	29300	30850	32250	32550	33250	33650	30000	35500	36400	38650	38750	39000	41100	39800	38400	40100	31100
Lower Decile	20000	22950	28300	29250	30650	29700	28900	31350	25200	32500	33300	34500	35350	33850	37000	35700	34950	37050	28250
Mean	25300	28200	31300	32850	34050	34700	35550	37600	34800	39050	39900	42350	42300	44250	45600	45500	46400	45750	37250
Supporting Data																			
Total Number	130	161	102	118	116	100	59	47	36	159	182	128	94	105	90	83	38	56	1804
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	26	3	3	2	0	0	2	1	0	1	0	0	1	1	0	0	0	0	40

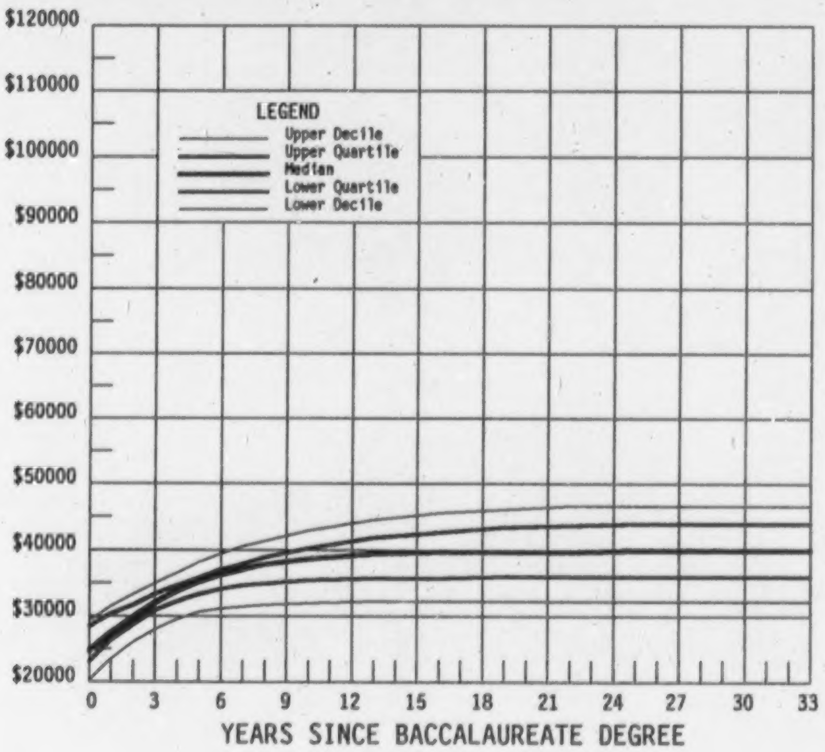
SALARY CURVES FOR ENGINEERS IN FEDERAL GOVERNMENT SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: FEDERAL GOVERNMENT, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	47150	47800	48500	49200	49850	51250	53350	55450	57500	59500	61450	63300	65000	68650	57850
Upper Quartile	0	0	0	0	45750	45750	45750	45750	45850	46250	47300	48800	50550	52450	54350	56100	57600	59800	51450
Median	0	0	0	0	41550	41550	41550	41600	41700	42250	43450	45050	46800	48600	50200	51600	52700	53950	45650
Lower Quartile	0	0	0	0	35900	36550	37200	37800	38450	39650	41400	43000	44400	45450	46250	46700	46750	45100	42150
Lower Decile	0	0	0	0	34750	35300	35900	36450	37050	38100	39600	40900	41950	42700	43100	43150	42850	40550	39000
Mean	0	0	0	0	41350	41600	41900	42250	42600	43450	44900	46500	48100	49650	51050	52200	53150	54350	47300
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	46800	0	0	0	0	51100	53000	57400	54100	67000	58500	59950	68800	69600	57850
Upper Quartile	0	0	0	0	45000	0	0	0	0	47400	46750	49750	47950	54350	52800	57300	59200	59500	51450
Median	0	0	0	0	41000	0	0	0	0	43200	43450	44400	45200	50200	49750	52150	56000	52000	45650
Lower Quartile	0	0	0	0	35350	0	0	0	0	40500	41800	42200	42700	45800	45400	48750	50000	43500	42150
Lower Decile	0	0	0	0	34150	0	0	0	0	38700	39500	40900	40850	43250	42750	45250	40400	40700	39000
Mean	0	0	0	0	40600	0	0	0	0	44300	44800	46400	46300	51450	50050	53100	54700	53500	47300
Supporting Data																			
Total Number	0	0	8	7	12	9	7	8	5	45	60	49	39	35	39	31	16	18	388
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

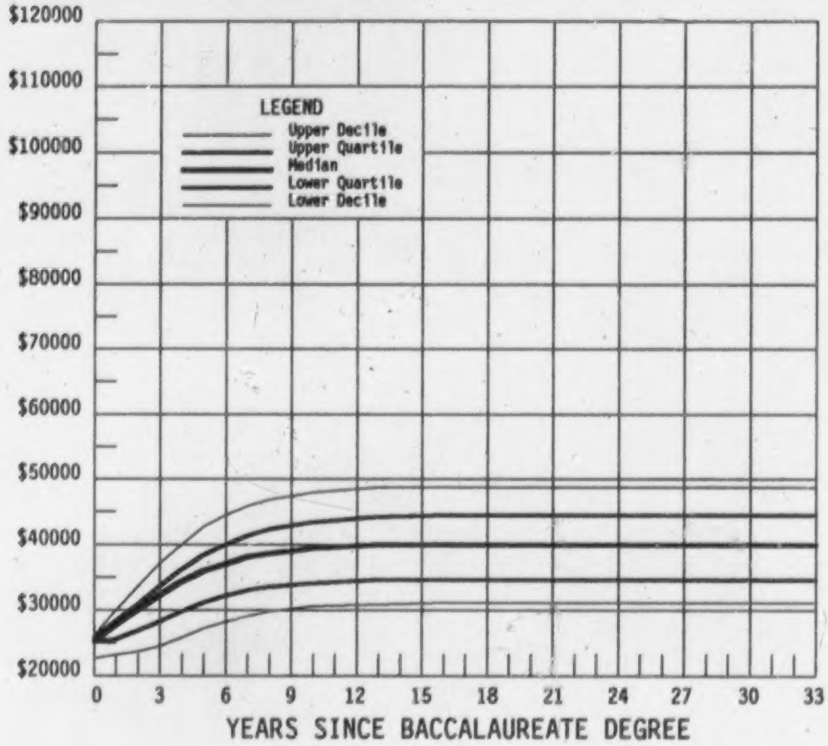
SALARY CURVES FOR ENGINEERS IN FEDERAL GOVERNMENT NON-SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: FEDERAL GOVERNMENT, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	29400	31400	33300	35050	36650	38100	39350	40500	41450	43050	44650	45650	46200	46550	46700	46750	46800	46800	43150
Upper Quartile	28650	30300	31850	33300	34650	35850	36950	37950	38850	40250	41800	42800	43400	43750	43950	44050	44100	44100	39300
Median	24700	27500	29950	32050	33800	35150	36250	37100	37800	38700	39400	39700	39800	39850	39900	39900	39900	39900	34000
Lower Quartile	23250	26300	28850	30850	32300	33400	34150	34700	35050	35500	35750	35850	35900	35900	35900	35900	35900	35900	29800
Lower Decile	20200	23350	26050	28050	29550	30550	31200	31600	31850	32100	32200	32200	32200	32200	32200	32200	32200	32200	26100
Mean	25750	27900	29850	31550	33050	34300	35350	36200	36950	38000	39000	39450	39700	39800	39850	39900	39900	39900	34450
Raw (Unsmoothed) Statistics																			
Upper Decile	29650	30950	33250	35250	35900	39100	41500	41800	41900	42400	42900	45150	45500	46350	49900	46350	48200	48650	43150
Upper Quartile	28950	29750	31800	33700	34700	35600	38900	38600	38750	40200	40400	42700	43100	44100	45600	44000	43350	44900	39300
Median	23750	28950	30550	32400	33250	34050	35250	35100	35000	38100	38000	39950	40400	41300	42050	41400	41000	42000	34000
Lower Quartile	22300	28100	29150	30750	32150	32400	33000	33050	29150	34550	35000	36600	36950	37100	38750	37150	35500	38950	29800
Lower Decile	20000	22950	28300	29100	30500	29450	28200	30950	24200	30700	31750	33300	31500	32650	35100	34500	34400	35800	26100
Mean	25300	28200	30400	32200	33300	34100	35100	35450	34100	37000	37500	39800	39450	40650	42200	40950	40350	42100	34450
Supporting Data																			
Total Number	130	161	94	111	104	91	52	39	31	114	122	79	55	70	51	52	22	38	1416
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	26	3	3	2	0	0	2	1	0	1	0	0	1	1	0	0	0	0	40

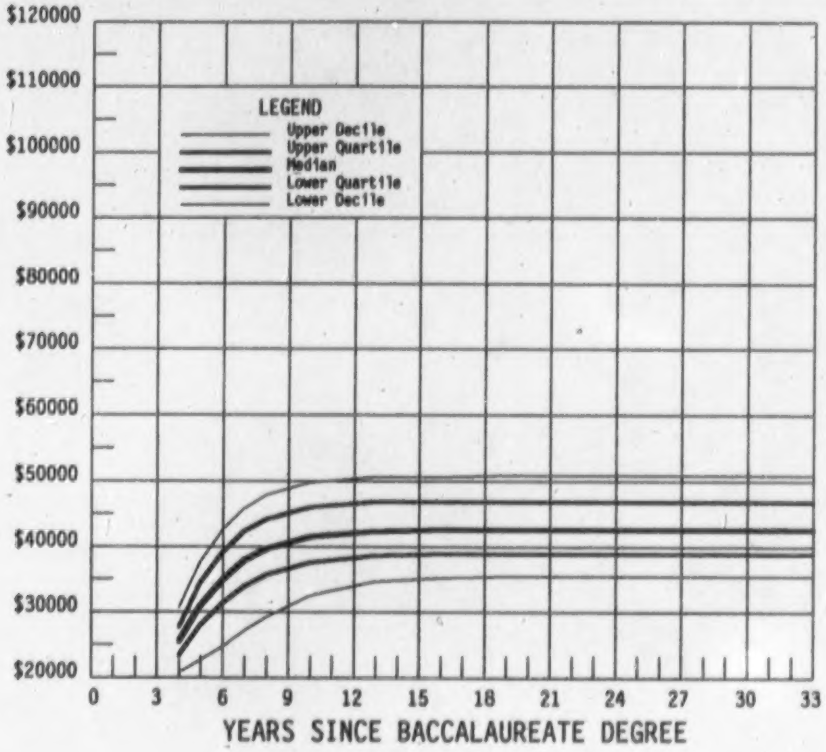
SALARY CURVES FOR ENGINEERS IN STATE GOVERNMENT
ALL ENGINEERS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: STATE GOVERNMENT

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	26050	29900	33650	37150	40100	42550	44400	45850	46850	48000	48700	48850	48900	48900	48900	48900	48900	48900	46850
Upper Quartile	25950	28150	30850	33600	36150	38300	40100	41450	42450	43600	44300	44450	44500	44500	44500	44500	44500	44500	42150
Median	25250	27650	30100	32400	34350	35950	37200	38100	38750	39550	39950	40050	40100	40100	40100	40100	40100	40100	35000
Lower Quartile	25350	25700	26950	28400	29850	31150	32200	32950	33550	34250	34650	34750	34750	34750	34750	34750	34750	34750	28350
Lower Decile	22650	23250	23800	24500	25850	27150	28250	29150	29800	30600	31050	31200	31200	31200	31200	31200	31200	31200	24750
Mean	25450	27050	29150	31350	33400	35150	36550	37650	38450	39350	39900	40050	40050	40100	40100	40100	40100	40100	35400
Raw (Unsmoothed) Statistics																			
Upper Decile	25950	29900	34350	38950	31550	42250	47000	46750	42100	42500	43350	45150	46200	49300	51200	52150	52400	53900	46850
Upper Quartile	25600	29500	29650	35600	29300	37650	43300	45850	34800	36200	40000	41650	43000	43850	45550	46700	47050	51100	42150
Median	24950	28850	28900	34600	26600	36600	42150	44350	30100	31450	35050	37950	39400	41250	41300	42400	42700	43700	35000
Lower Quartile	24300	28200	28150	26500	24700	27700	32650	30100	26700	27050	30600	33800	35500	37050	36900	38250	39350	39600	28350
Lower Decile	23050	23900	24100	24300	22850	25050	25600	26400	24850	24600	26550	30450	32150	33050	33650	35000	35300	35400	24750
Mean	25050	28200	28750	32350	27350	34150	39050	38750	31400	32450	35350	37950	39200	40800	41550	42900	43400	44800	35400
Supporting Data																			
Total Number	596	608	563	391	172	243	308	216	88	236	256	360	256	303	311	349	435	532	6223
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	40	22	17	9	9	6	6	2	1	6	3	1	3	0	0	0	1	0	128

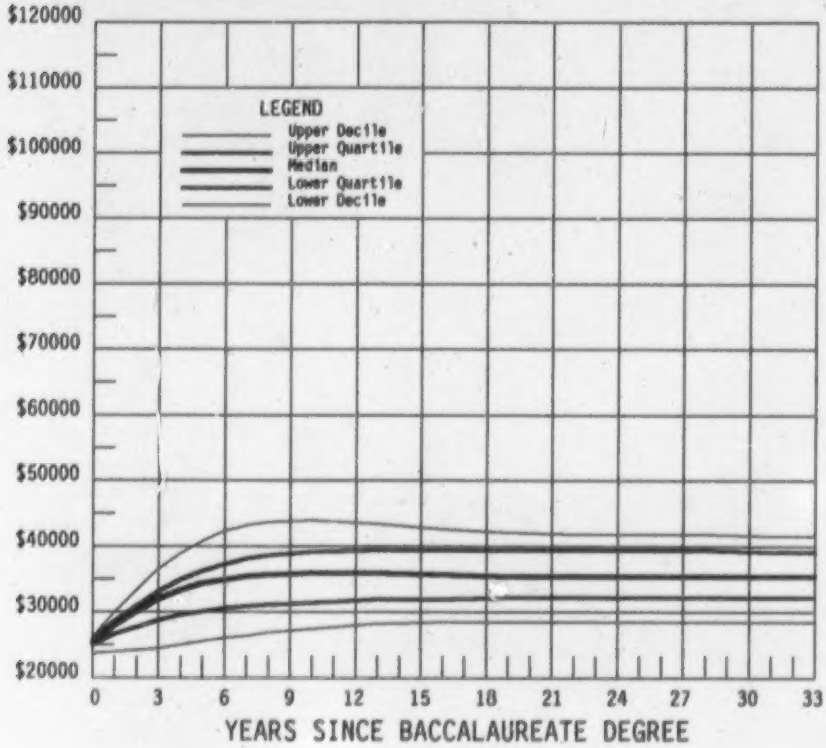
SALARY CURVES FOR ENGINEERS IN STATE GOVERNMENT SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: STATE GOVERNMENT, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	30550	37600	42700	45950	47950	49800	50600	50800	50850	50850	50850	50850	50850	50850	51950
Upper Quartile	0	0	0	0	27700	34300	39150	42300	44200	46050	46850	47000	47050	47050	47050	47050	47050	47050	46600
Median	0	0	0	0	25500	30950	35050	37850	39650	41500	42400	42600	42650	42650	42650	42650	42650	42650	42100
Lower Quartile	0	0	0	0	23600	28000	31450	33950	35700	37650	38700	38950	39000	39000	39000	39000	39000	39000	36350
Lower Decile	0	0	0	0	20800	22600	24900	27300	29450	32550	34650	35250	35400	35400	35400	35400	35400	35400	29300
Mean	0	0	0	0	25750	31150	35200	38000	39850	41750	42700	42900	42950	42950	42950	42950	42950	42950	41450
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	30000	37550	48300	46950	40600	44750	45900	46650	48050	50650	52100	52700	53000	55100	51950
Upper Quartile	0	0	0	0	27650	31500	43250	46300	35000	38550	41300	42850	44200	45250	48100	49400	50550	52100	46600
Median	0	0	0	0	25800	28150	33000	45300	30000	34200	36800	39300	41100	42150	43400	43750	44000	48350	42100
Lower Quartile	0	0	0	0	24000	26200	25500	44300	26700	29950	34050	36150	37100	39000	39500	40500	41300	42450	36350
Lower Decile	0	0	0	0	20300	24050	23000	30600	24250	27000	28950	32850	34200	35850	35800	36500	37800	38900	29300
Mean	0	0	0	0	25700	29450	35150	43100	31050	35000	37500	39650	40900	42350	43850	44500	45100	47500	41450
Supporting Data																			
Total Number	22	27	46	48	40	31	45	146	34	95	148	247	169	231	214	274	321	382	2520
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	7	3	3	2	1	1	2	1	2	0	0	0	1	0	50

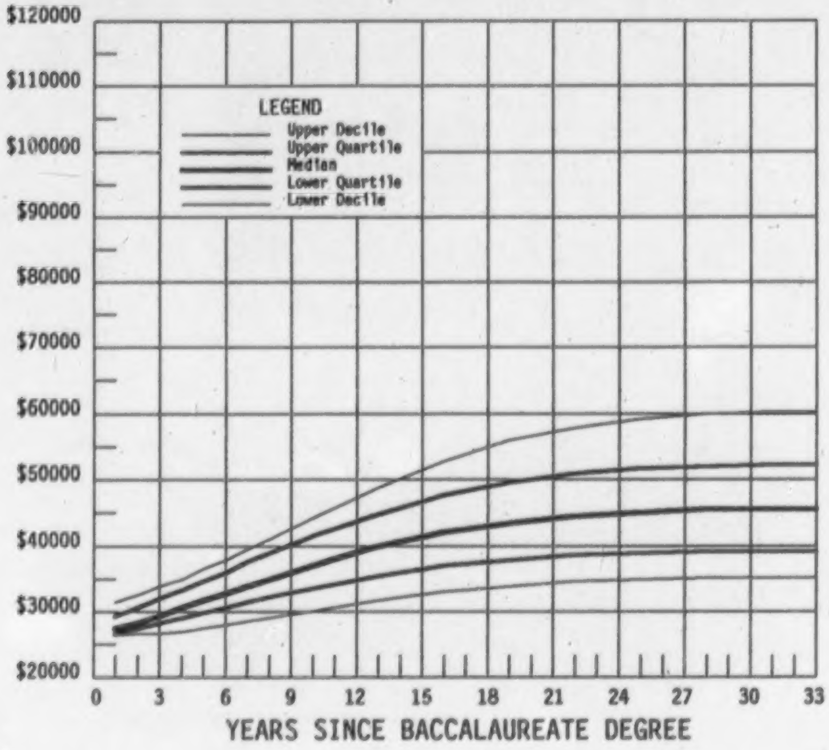
SALARY CURVES FOR ENGINEERS IN STATE GOVERNMENT
NON-SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: STATE GOVERNMENT, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	26250	29950	33450	36500	39000	40900	42300	43150	43650	43900	43400	42750	42250	41950	41800	41750	41700	41700	41750
Upper Quartile	25900	28550	31000	33100	34850	36250	37300	38100	38650	39300	39550	39550	39450	39400	39350	39350	39300	39300	35950
Median	25350	27900	30100	31900	33300	34300	35050	35500	35800	36000	35900	35700	35550	35450	35400	35400	35400	35400	29450
Lower Quartile	25150	26600	27750	28700	29500	30100	30600	30950	31250	31600	31950	32050	32150	32150	32200	32200	32200	32200	25850
Lower Decile	23850	23800	24050	24500	25000	25500	26050	26500	26900	27550	28150	28450	28550	28600	28600	28600	28600	28600	24350
Mean	25250	27550	29550	31250	32550	33600	34350	34900	35300	35700	35800	35750	35650	35600	35550	35550	35550	35550	31350
Raw (Unsmoothed) Statistics																			
Upper Decile	25950	29850	34400	39100	31750	42400	43950	35000	42550	42150	41700	41600	42550	42650	42550	42250	43250	43150	41750
Upper Quartile	25550	29450	29650	35650	30100	37750	43300	31450	34500	33700	36500	38150	40150	40400	39950	39750	42100	41750	35950
Median	24950	28850	28950	34750	26800	36800	42250	29100	30150	29450	31650	33850	36600	35800	36800	37050	39150	38400	29450
Lower Quartile	24350	28200	28200	27500	24900	28650	41150	26600	26700	25650	27700	30500	32600	32350	33750	34900	35800	35250	25850
Lower Decile	23500	24050	24650	24700	23400	25250	26700	24500	25000	24200	25300	26750	28250	30050	29900	32450	33100	30500	24350
Mean	24950	28150	28950	33000	27850	34850	39750	29600	31650	30750	32450	34150	35800	35750	36500	37050	38550	37850	31350
Supporting Data																			
Total Number	574	581	517	343	132	212	263	70	54	141	108	113	87	72	97	75	114	150	3703
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	34	18	6	3	2	3	3	0	0	5	1	0	1	0	0	0	0	0	76

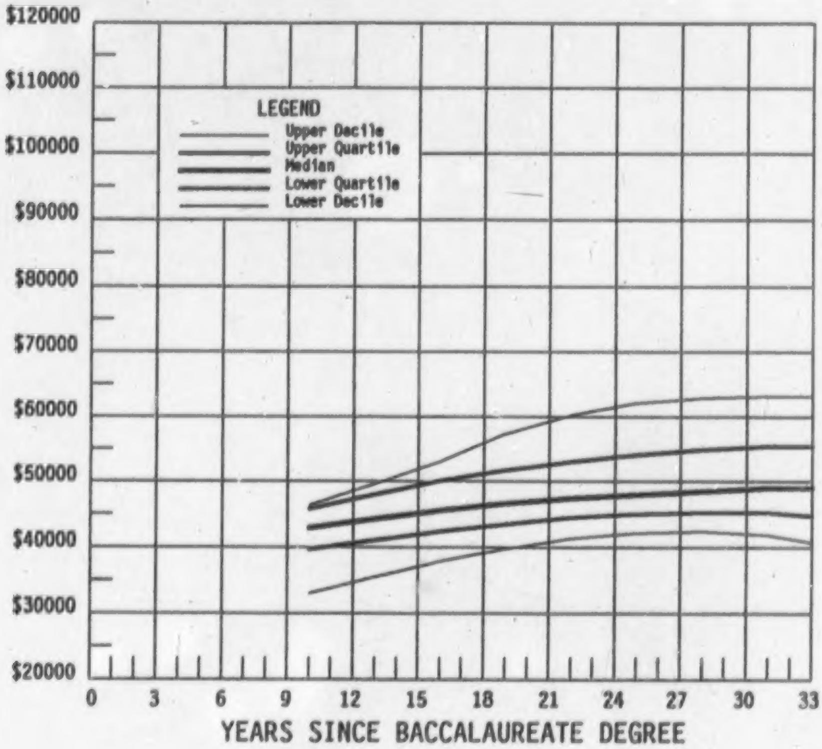
SALARY CURVES FOR ENGINEERS IN LOCAL GOVERNMENT
ALL ENGINEERS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: LOCAL GOVERNMENT

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	31600	32600	33750	35000	36400	37850	39400	41000	44200	48850	52850	55900	58000	59300	60000	60300	60450	52850
Upper Quartile	0	29250	30550	31900	33300	34700	36100	37500	38850	41500	44900	47650	49600	50900	51650	52050	52250	52350	46450
Median	0	27350	28400	29450	30600	31700	32850	33950	35050	37150	39900	42050	43600	44600	45200	45500	45650	45750	39500
Lower Quartile	0	26600	27400	28200	29050	29850	30650	31450	32250	33700	35550	36950	37950	38600	38950	39150	39250	39300	32950
Lower Decile	0	26450	26550	26750	27050	27450	27950	28450	29000	30100	31650	32950	33950	34550	34950	35150	35250	35300	28400
Mean	0	27950	28900	29850	30900	31950	33050	34150	35250	37350	40250	42550	44200	45300	45950	46300	46500	46550	40550
Raw (Unsmoothed) Statistics																			
Upper Decile	0	30900	37200	31800	33400	34850	42400	39050	37450	45300	50250	52950	55300	52700	58800	55100	57300	68500	52850
Upper Quartile	0	27800	36000	31050	32500	32750	37000	35500	36600	42600	45250	50900	50500	48900	52500	49900	48100	53750	46450
Median	0	27100	29200	29850	30800	29650	33450	33150	35000	37650	38600	45400	44000	42500	46250	45500	43500	45500	39500
Lower Quartile	0	26450	28000	28650	29000	27400	32300	32100	31750	34300	33500	40250	37650	36750	40400	41100	38100	37900	32950
Lower Decile	0	26000	26800	27400	27600	26550	27600	27300	30100	30450	30400	34750	34100	34200	37450	35550	33800	34200	28400
Mean	0	27550	30650	29700	30550	30200	34400	33400	34100	38300	39350	45100	44050	42950	47600	45500	43900	47500	40550
Supporting Data																			
Total Number	9	11	12	17	18	17	16	13	11	37	46	51	42	23	32	33	37	55	480
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

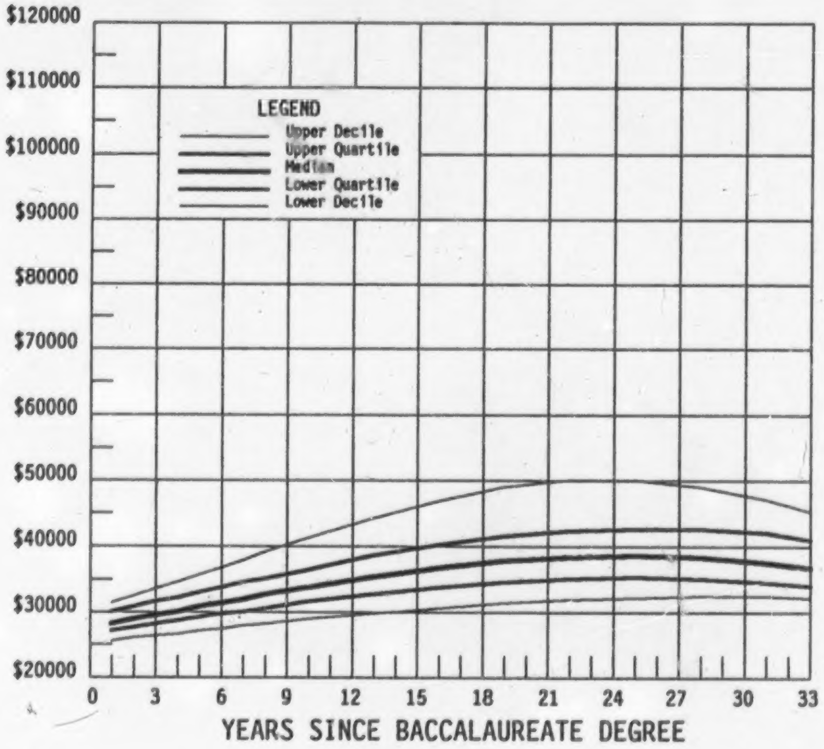
SALARY CURVES FOR ENGINEERS IN LOCAL GOVERNMENT SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: LOCAL GOVERNMENT, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	46500	49550	53100	57200	60300	62100	62950	63300	63400	57900
Upper Quartile	0	0	0	0	0	0	0	0	0	45850	48050	50000	51700	53100	54200	54950	55450	55750	51850
Median	0	0	0	0	0	0	0	0	0	43050	44350	45550	46550	47400	48050	48600	48950	49400	46050
Lower Quartile	0	0	0	0	0	0	0	0	0	39700	41150	42450	43550	44400	45000	45300	45300	43800	42200
Lower Decile	0	0	0	0	0	0	0	0	0	33150	35550	37800	39750	41200	42100	42350	41900	37850	37200
Mean	0	0	0	0	0	0	0	0	0	42750	44350	45800	47150	48350	49350	50100	50650	50750	47300
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	50900	49100	53900	56650	55700	64400	57800	58600	69900	57900
Upper Quartile	0	0	0	0	0	0	0	0	0	44750	46600	51550	54050	50750	57250	51300	52000	57550	51850
Median	0	0	0	0	0	0	0	0	0	42250	44250	46600	45850	45500	51100	48250	46250	50200	46050
Lower Quartile	0	0	0	0	0	0	0	0	0	39250	40250	43600	43450	42650	46050	45350	44000	44100	42200
Lower Decile	0	0	0	0	0	0	0	0	0	34700	32600	38300	40250	41650	43700	42650	40100	38050	37200
Mean	0	0	0	0	0	0	0	0	0	42500	42500	47000	47750	47550	52100	48800	48200	51450	47300
Supporting Data																			
Total Number	0	0	0	1	1	4	3	2	2	17	19	41	25	11	19	21	24	41	231
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN LOCAL GOVERNMENT NON-SUPERVISORS, ALL DEGREE LEVELS



ENGINEERING SALARY STATISTICS: LOCAL GOVERNMENT, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	31450	32500	33600	34650	35750	36850	38000	39100	41250	44350	47000	48950	50000	50050	49050	47200	39350	42200
Upper Quartile	0	30250	30950	31700	32400	33150	33850	34600	35300	36650	38600	40250	41550	42450	42800	42650	42000	38150	37500
Median	0	28300	28950	29600	30200	30850	31500	32100	32700	33900	35500	36850	37850	38500	38700	38400	37700	34150	33550
Lower Quartile	0	27200	27750	28250	28750	29250	29750	30250	30700	31650	32850	33900	34700	35200	35400	35250	34800	32250	29750
Lower Decile	0	25650	26050	26450	26800	27200	27550	27900	28300	28950	29900	30750	31450	32000	32350	32550	32500	31500	27000
Mean	0	28450	29150	29800	30500	31150	31850	32500	33150	34450	36200	37700	38800	39500	39750	39450	38700	34850	34300
Raw (Unsmoothed) Statistics																			
Upper Decile	0	30900	37200	31850	33450	32700	37400	35800	0	42000	51000	44000	50450	51200	51050	43850	40200	43400	42200
Upper Quartile	0	27800	36000	31150	32600	30750	33950	33750	0	37350	39700	39900	42100	42500	42750	42500	39050	39500	37500
Median	0	27100	29200	30000	30750	28350	33000	32850	0	35000	35500	38000	36500	37000	39900	40000	35250	35000	33550
Lower Quartile	0	26450	28000	28650	28900	27100	32050	31500	0	31350	32500	34350	34100	34650	37500	35350	33500	32500	29750
Lower Decile	0	26000	26800	27200	27400	26450	27300	27100	0	27350	29400	32000	31700	30400	36200	34150	32200	30400	27000
Mean	0	27550	30650	29750	30550	29000	32950	32250	0	34750	37150	37250	38700	38700	41100	39750	35950	35850	34300
Supporting Data																			
Total Number	9	11	12	16	17	13	13	11	9	20	27	10	17	12	13	12	13	14	249
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

APPENDICES

1987 SALARY SURVEY PARTICIPANTS, BY INDUSTRIAL SECTOR

AEROSPACE

Aeronca Inc., Aerospace Division, Middletown, Ohio
Clifton Precision Instruments, Davenport, Iowa (also classed with Precision Instruments)
General Dynamics, Fort Worth Division, Research & Engineering Dept., Fort Worth, Texas (also classed with Electronics)
Grumman Aerospace, Bethpage, New York
Midland-Ross Corporation, Grimes Division, Urbana, Ohio
Norden Systems, Melville, New York
Northrop Corporation, Precision Products Division, Norwood, Massachusetts
Teledyne Brown Engineering/Aerospace Group, Huntsville, Alabama
Westinghouse Electric Corp., Defense Electronics & Systems Center, Baltimore, Maryland

AUTOMOTIVE

Chrysler Corporation, Highland Park, Michigan
Delco Electronic Corporation, Kokomo, Indiana
Eaton Corporation, Corporate R&D, Detroit Center, Southfield, Michigan
General Battery Corporation, Reading, Pennsylvania
Navistar International Corp., Ft. Wayne, Indiana
Navister Technical Center, Ft. Wayne, Indiana
Peterson Manufacturing Co., Grandview, Missouri
Zeller Corporation, Defiance, Ohio

BUSINESS/TRADE/PUBLISHING (combined with others in Other Non-Manufacturing Sector)

Penton Publishing: Welding Design/Fabrication, Cleveland, Ohio

CERAMIC PRODUCTS (combined with others in Other Durable Goods Manufacturing sector)

Interstate Brick Company, West Jordan, Utah
Price Brothers Company, Dayton, Ohio

CHEMICALS, DRUGS AND PLASTICS

Air Products and Chemicals, Inc., Allentown, Pennsylvania
Amchem Products, Inc., Ambler, Pennsylvania
Atochem, Inc., Polymers Division, Birdsboro, Pennsylvania
BASF Corporation, Fibers Division, Williamsburg, Virginia
E. I. duPont de Nemours & Co., Wilmington, Delaware
Hoescht-Celanese Corp. (formerly Celanese Corporation), New York, New York
Martin Marietta Energy Systems, Inc. (formerly Goodyear Atomic), Piketon, Ohio
Mississippi Chemical Corp., Yazoo City, Mississippi
Olin Corporation, Stamford, Connecticut
Rohm & Haas Co., Philadelphia, Pennsylvania
Stauffer Chemical Company, Dobbs Ferry, New York

COMMUNICATION SERVICES (combined with others in Other Non-Manufacturing Sector)

Carolina Telephone & Telegraph Co., Tarboro, North Carolina
GTE Midwestern Telephone Operations, Fort Wayne, Indiana
Pacific Bell Telephone Co., San Ramon, California
Quintron Systems, Inc., Vanderberg AFB, California

COMPUTING SYSTEMS

Case Communications, Columbia, Maryland
Computer Language Research Corp., Carrolton, Texas
Computer Science Corp., Systems Division, Falls Church, Virginia
Ferranti International Controls, Sugarland, Texas
Formation, Inc., Mt. Laurel, New Jersey
Unisys Defense Systems, McLean, Virginia

CONSTRUCTION

Al Johnson Construction Co., Minneapolis, Minnesota
Atlas Construction Co., Bellevue, Washington
CBI Industries, Inc., Oakbrook, Illinois
Northwest Electric Co., Seattle, Washington
Peter Kiewit Sons, Inc., Construction Division, Omaha, Nebraska
Schnabel Foundation Co.: California, Colorado, Georgia, New Hampshire, Illinois, Maryland/Virginia/District of Columbia, Pennsylvania, and Texas Divisions
W. M. Lyles Co., Fresno, California

ELECTRIC UTILITIES

Allegheny Power Service Corp., Greensburg, Pennsylvania
American Electric Power Service Corp., Columbus, Ohio
Appalachian Power Co., Roanoke, Virginia
Arkansas Electric Cooperatives Corp., Little Rock, Arkansas
Arkansas Power & Light Co., Little Rock, Arkansas
Basin Electric Power Cooperative, Bismarck, North Dakota
Carolina Power & Light Co., Raleigh, North Carolina
Central Hudson Gas & Electric Co., Poughkeepsie, New York
Central Nebraska Public Power & Irrigation District, Holdrege, Nebraska (also classed with State Government)
City Public Service Board, San Antonio, Texas
Commonwealth Edison Co., Chicago, Illinois
Deseret Generation and Transmission Cooperative, Sandy, Utah
Detroit Edison, Detroit, Michigan
Electric Power Board of Chattanooga, Chattanooga, Tennessee
EUA Service Corp., Brockton, Massachusetts
Grant County Public Utility District, Ephrata, Washington
Indianapolis Power & Light Co., Indianapolis, Indiana
Iowa-Illinois Gas & Electric Co., Davenport, Iowa
Iowa Resources, Des Moines, Iowa
Kansas City Power & Light Co., Kansas City, Missouri
Metropolitan Edison Co., Reading, Pennsylvania
Mississippi Power Co., Gulfport, Mississippi
Minnesota Power, Duluth, Minnesota
Montana Power Co., Butte, Montana
Nebraska Public Power District, Columbus, Nebraska
New England Electric System, Westboro, Massachusetts
New York State Electric and Gas Corp., Binghampton, New York
Niagara Mohawk Power Corp., Syracuse, New York
Northern Neck Electric Cooperative, Warsaw, Virginia
Pacific Power and Light Co., Portland, Oregon
Pennsylvania Power & Light Co., Allentown, Pennsylvania
Potomac Electric Power Co., Washington, D.C.
Public Service Co. of New Hampshire, Manchester, New Hampshire
Safe Harbor Water Power Corp., Conestoga, Pennsylvania

Sierra Pacific Power Company, Reno, Nevada
South Carolina Electric & Gas Co., Columbia, South Carolina
Southern Company Services, Inc., Birmingham, Alabama
Southern Indiana Gas & Electric Co. (SIGECO), Evansville, Indiana
Springfield Utility Board, Springfield, Oregon
St. Johns River Power Park, Jacksonville, Florida
Tampa Electric Co., Tampa, Florida
Texas-New Mexico Power Co., Fort Worth, Texas
Upper Peninsula Power Co., Houghton, Michigan
Virginia Power, Richmond, Virginia
West Penn Power Co., Greensburg, Pennsylvania
Wisconsin Electric Power Co., Milwaukee, Wisconsin

ELECTRICAL MACHINERY & EQUIPMENT

Allen-Bradley Co., Milwaukee, Wisconsin
BIW Cable Systems, Inc., Boston, Massachusetts
Hobart Corp., Troy, Ohio
Hoover Company, North Canton, Ohio
Maytag Co., Newton, Iowa
Milwaukee Electric Tool Corp., Brookfield, Wisconsin
S&C Electric Co., Chicago, Illinois
Whirlpool Corp., Benton Harbor, Michigan

ELECTRONIC EQUIPMENT

A.R.F. Products, Inc., Raton, New Mexico (also classed with Precision Instruments)
Alpha Industries, Inc., Woburn, Massachusetts
American Telephone and Telegraph Co., Bernardsville, New Jersey
Ault, Inc., Minneapolis, Minnesota
Blonder-Tongue Laboratories, Inc., Old Bridge, New Jersey
Edo Corporation, GSD Division, College Point, New York
General Dynamics, Fort Worth Division, Research & Engineering Dept., Fort Worth, Texas (also classed with Aerospace)
Gould, Inc., Ocean Systems Division, Glen Burnie, Maryland
GTE Communication Systems Corp., Phoenix, Arizona
Harris Corp., Government Support Systems Division, Syosset, New York
Hazeltine Corporation, Greenlawn, New York
Infinet, Inc., North Andover, Massachusetts
ITT Corp., Avionics Division, Nutley, New Jersey
Litton Systems Inc., Amecom Division, College Park, Maryland
LNR Communications, Inc., Hauppauge, New York
Loral Data Systems, San Diego, California
Motorola Inc., Automotive and Industrial Electronics Group, Schaumburg, Illinois
Plantronics, Santa Cruz, California
Polyspede Electronics Corp., Dallas, Texas
Rockwell International/Collins Defense Communication, Cedar Rapids, Iowa
Rochester Instrument Systems, Inc., Rochester, New York
Troxler Electronics Laboratories, Inc., Research Triangle Park, North Carolina
Weber Marking Systems, Arlington Heights, Illinois

ENGINEERING & ARCHITECTURAL CONSULTANTS (see also Engineering Services)

Alford, Burdick & Howson, Chicago, Illinois
Burgess & Niple Ltd., Columbus, Ohio
Burns and Roe Enterprises, Inc., Oradell, New Jersey

CH2M Hill, Inc., Corvallis, Oregon
Clyde E. Williams & Associates, Inc. South Bend, Indiana
Ebasco Services, Inc., New York, New York
Edwards and Kelcey, Inc., Livingston, New Jersey
EMJ/Electrack Inc., Hyattsville, Maryland
Floyd Browne Associates, Ltd., Marion, Ohio
Goodkind & O'Dea, Inc., Rutherford, New Jersey
Greeley & Hansen, Chicago, Illinois
Hardesty & Hanover, New York, New York
Harza Engineering Co., Chicago, Illinois
Maybeck Engineering, Rochester, New York
Research-Cottrell, Inc., Somervile, New Jersey
Rust International Corp., Birmingham, Alabama
Sargent & Lundy Engineers, Chicago, Illinois
Stanley Consultants, Inc., Muscatine, Iowa

ENGINEERING SERVICES (see also Engineering and Architectural Consultants)

Allendale Mutual Insurance Co., Johnston, Rhode Island
Arkwright-Boston Mfg. Mutual Insurance Co., Waltham, Massachusetts
Babcock & Wilcox Co., Barberton, Ohio
Black, Sivalls & Bryson, Inc., Houston, Texas
Connecticut Water Service, Clinton, Connecticut
Creare, Inc., Hanover, New Hampshire
Fluor Daniel Corporation, Irvine, California
Frakt Inc., Peabody Process Systems Division, Norwalk, Connecticut
Pan Am World Services, Inc., Patrick AFB, Florida
Parsons Brinckerhoff, New York, New York
RDA Logicon, Marina del Ray, California
Underwriters Laboratories Inc., Northbrook, Illinois
Westinghouse Electric Corp., Nuclear Fuel Business Unit, Pittsburgh, Pennsylvania
Westinghouse Electric Corp., Power Systems Business Unit, Pittsburgh, Pennsylvania

FABRICATED METAL PRODUCTS

AMP, Incorporated, Harrisburg, Pennsylvania
Babcock Industries, American Chain Division, York, Pennsylvania
Deere & Co., Moline, Illinois
Dover Corporation, Bernard Division, Beecher, Illinois
Duo-Fast Corporation, Franklin Park, Illinois
Intertherm, Inc., St. Louis, Missouri
R. D. Werner Company, Inc., Greenville, Pennsylvania
Schwinn Bicycle Co., Chicago, Illinois
Smith Berger Marine Inc., Seattle, Washington (also classed with Non-Electrical Machinery)
Timken Co., Canton, Ohio
Torrington Company, Torrington, Connecticut
Worcester Controls Corp., West Boyleston, Massachusetts

FABRICATED RUBBER & PLASTIC PRODUCTS (combined with others in Other Nondurable Goods sector)

Ameripol Synpol Company, Port Neches, Texas
Cooper Tire & Rubber Co., Findlay, Ohio
Lord Corporation, Erie, Pennsylvania
Presto Products, Inc., Appleton, Wisconsin

FOOD PRODUCTS (combined with others in Other Nondurable Goods sector)

Central Soya Company, Inc., Fort Wayne, Indiana
L. S. Heath & Sons, Robinson, Illinois

GAS UTILITIES & PIPELINES

Algonquin Gas Transmission Co., Boston, Massachusetts
Battle Creek Gas Company, Battle Creek, Michigan
Colorado Interstate Gas Co., Colorado Springs, Colorado
Consolidated Gas Transmission Co., Clarksburg, Virginia
Consolidated Natural Gas Service, Pittsburgh, Pennsylvania
El Paso Natural Gas Co., El Paso, Texas
Metropolitan Utilities District, Omaha, Nebraska
Michigan Gas Utilities Company, Monroe, Michigan
Panhandle Eastern Pipe Line, Kansas City, Missouri
Southern Natural Gas Co., Birmingham, Alabama
St. Lawrence Gas Co., Inc., Massena, New York
Texas Gas Transmission Co., Owensboro, Kentucky

LUMBER AND WOOD PRODUCTS (combined with others in Other Durable Goods Sector)

Superior Fiber Products, Superior, Wisconsin

MACHINERY, OTHER THAN ELECTRICAL

Artisan Industries, Waltham, Massachusetts
Gehl Co., West Bend, Wisconsin
Goulds Pumps, Inc., Seneca Falls, New York
Hyster Company, Portland, Oregon
Leybold-Haraeus Vacuum Products, Inc., Export, Pennsylvania
Litton UHS (formerly Litton Conveyor Systems), Hebron, Kentucky
Manitowoc Engineering Co., Manitowoc, Wisconsin
Roper Pump Co., Commerce, Georgia
Smith Berger Marine Inc., Seattle, Washington (also classed with Fabricated Metal Products)
Sundstrand Fluid Handling, Arvada, Colorado
Vermeer Mfg. Co., Pella, Iowa

METALS (combined with others in Other Durable Goods sector)

Bethlehem Steel Corporation, Research Department, Bethlehem, Pennsylvania
LTV Steel Company, Inc., Cleveland, Ohio

MINING (combined with others in Other Non-Manufacturing sector)

Cleveland-Cliffs Iron Co., Cleveland, Ohio
Peter Kiewit Sons, Inc., Mining Division, Omaha, Nebraska

OTHER DURABLE GOODS MANUFACTURERS (see also Ceramic, Lumber, Metals, and Shipbuilding sectors)

Ameron, Monterey Park, California
Andrew Corporation, Orland Park, Illinois
Martin Marietta Energy Systems, Inc., Oak Ridge, Tennessee
Monier Resources, Inc., San Antonio, Texas
MTS Systems Corporation, Eden Prairie, Minnesota
UGI Corporation, Valley Forge, Pennsylvania

OTHER NONDURABLE GOODS MANUFACTURERS: see Food Products, Paper Products, Textile Products, and Rubber and Plastic Products sectors

OTHER NON-MANUFACTURING: see Business/Trade/Publishing, Communication, Mining, Professional and Non-Profit, and Transportation sectors

PAPER PRODUCTS (combined with others in Other Nondurable Goods sector)

Bowater Southern Paper Company, Calhoun, Tennessee
Consolidated Papers, Wisconsin Rapids, Wisconsin

PETROLEUM

Alta Energy Corporation, Midland, Texas
Amoco Corporation, Chicago, Illinois
Arco Oil & Gas Company, Dallas, Texas
Burk Royalty Company, Wichita Falls, Texas
Chevron Corp., San Francisco, California
Citgo Petroleum Corporation, Lake Charles, Louisiana
Dugan Production Corp., Farmington, New Mexico
Farmers Union Central Exchange, Inc., Inver Grove Heights, Minnesota
Mesa Operating Limited Partnership, Amarillo, Texas
Total Petroleum, Inc., Denver, Colorado
Zapata Off-Shore Company, Houston, Texas

PRECISION INSTRUMENTS

A.R.F. Products, Inc., Raton, New Mexico (also classed with Electronic Equipment)
Belfort Instrument Company, Baltimore, Maryland
Clifton Precision Instruments, Davenport, Iowa (also classed with Aerospace)
Contraves Goerz Corp., Pittsburgh, Pennsylvania
Marks Polarized Corp., Deer Park, New York
Recon Optical Inc., C.A.I. Division, Barrington, Illinois
Teledyne Avionics, Charlottesville, Virginia

PROFESSIONAL SOCIETIES/NONPROFIT INSTITUTIONS (combined with others in Other Non-Manufacturing sector)

American Welding Society, Inc., Miami, Florida
Institute of Gas Technology, Chicago, Illinois
National Radio Astrronomy Observatory, Charlottesville, Virginia
Water Pollution Control Federation, Washington, D.C.

RESEARCH ORGANIZATIONS AND LABORATORIES

Aerospace Corporation, Los Angeles, California
Argonne National Laboratory, Argonne, Illinois
AT&T Bell Laboratories, Short Hills, New Jersey
Autoresearch Laboratories, Inc., Chicago, Illinois
BOC Group Technical Center, Murray Hill, New Jersey
Brookhaven National Laboratory, Upton, New York
Dictaphone Engineering & Technology, Stratford, Connecticut
Duracell Research Center, Needham, Massachusetts
EG&G Energy Measurements, Inc., Las Vegas, Nevada
ERIM (Environmental Research Institute of Michigan), Ann Arbor, Michigan
Exxon Research & Engineering Co., Florham Park, New Jersey

Fermilab, Batavia, Illinois
General Research Corporation, Santa Barbara, California
HRB-Singer, Inc., State College, Pennsylvania
Jet Propulsion Laboratory, Pasadena, California
Johns Hopkins University/Applied Physics Laboratory, Laurel, Maryland
Lawrence Livermore National Laboratory, Livermore, California
Los Alamos National Laboratory, Los Alamos, New Mexico
Mechanical Technology, Inc., Latham, New York
MSE, Inc., Butte, Montana
New Mexico Engineering Research Institute, Albuquerque, New Mexico
Rand Corporation, Santa Monica, California
Re/Spec Inc., Rapid City, South Dakota
Riverside Research Institute, New York, New York
Sandia National Laboratories, Livermore, California
Sandia National Laboratories, Albuquerque, New Mexico
Teledyne Brown Engineering/R&D Group, Huntsville, Alabama
University of Dayton Research Institute, Dayton, Ohio
University of Tennessee Space Institute, Tullahoma, Tennessee
Woods Hole Oceanographic Institute, Woods Hole, Massachusetts

SHIPBUILDING (combined with others in Other Durable Goods sector)

General Ship Corporation, East Boston, Massachusetts

TEXTILE PRODUCTS (combined with others in Other Nondurable Goods sector)

UNC Nuclear Industries, Richland, Washington

TRANSPORTATION SERVICES (combined with others in Other Non-Manufacturing sector)

National Bulk Carriers, Inc., New York, New York

1987 SALARY SURVEY PARTICIPANTS: GOVERNMENT AGENCIES

FEDERAL GOVERNMENT

Defense Nuclear Agency, Alexandria, Virginia
Internal Revenue Service/District Office, Chicago, Illinois
Naval Undersea Warfare Engineering Station, Keyport, Washington
USAF Sacramento Air Logistics Center, McClellan AFB, California
USAF Combat Support Group, Langley AFB, Virginia
USAF Logistics Command, Wright-Patterson AFB, Ohio
Western Area Power Administration, Boulder City, Nevada

STATE GOVERNMENT

Arkansas Highway and Transportation Department, Little Rock
California Department of Water Resources, Sacramento
Central Nebraska Public Power & Irrigation District, Holdrege (also classed with Electric Utilities)
Florida State Government, Tallahassee (data on all units, supplied by the Department of Administration)
Indiana Department of Natural Resources, Division of Water, Indianapolis
Iowa Department of Transportation, Ames
Minnesota Department of Transportation, St. Paul
Mississippi State Highway Department, Jackson
Mississippi R&D Center, Jackson
Missouri Highway and Transportation Department, Jefferson City
North Carolina Department of Transportation, Raleigh
Ohio Department of Transportation, Columbus
Utah State Department of Transportation, Salt Lake City
Texas Department of Human Services, Austin
Wisconsin State Government, Madison (data on all units, supplied by the Department of Employment Relations)

LOCAL GOVERNMENT

City of Dallas, Texas
City of Dayton, Ohio
City of Kansas City, Missouri/Public Works Department
City of Milwaukee, Wisconsin/Bureau of Engineers
City of Portland, Oregon/Water Bureau
City of San Francisco, California/Utilities Engineering Bureau
City of St. Paul, Minnesota/Public Works Department
Kankakee Water Company, Kankakee, Illinois
Louisville Water Company, Louisville, Kentucky
North Jersey District Water Supply Commission, Wanaque, New Jersey

AAES

AMERICAN ASSOCIATION OF ENGINEERING SOCIETIES
415 SECOND STREET, NE • SUITE 200 • WASHINGTON, DC 20002 • (202) 546-2237

ENGINEERING MANPOWER COMMISSION

Paul B. Wood, Chairman of the Commission
Donald C. Brown, Chairman, Compensation Committee

February, 1986

Dear Colleague:

Enclosed are response forms for the Engineering Manpower Commission's 21st survey of the compensation of engineers. EMC's reports are the most broadbased, detailed source of public information on engineering salaries. They are widely used by industry, for both employee counseling and compensation studies; by government agencies and educational organizations; and by media, engineering students, and others. Once again, we ask for your cooperation in this project.

EMC's 1987 salary survey incorporates a number of new features. Along with our traditional graphics for smoothed-data maturity curves that depict the impact of experience on compensation for engineers in different industrial sectors or with different levels of education or responsibilities, we will also provide the raw data which are used to derive the smoothed-curve estimates. New procedures will eliminate anomalous results in the curve smoothing process.

We have made a major expansion in the variety of methods that organizations can use to respond to this survey. As in the past, you may use EMC's traditional matrix-style Forms "A" and "B" to report the salaries of non-supervisory and supervisory engineers. (We should point out that for many years, we have accepted computer printouts in lieu of these forms, as long as the printouts emulated EMC's format and as long as all of the data that is needed is supplied, including the identifiers on page 1 of the forms and the classification items on page 4. When printouts are used, we prefer that the original forms be returned as well; if pages 1 and 4 are completed, then the computer-produced material can be limited to the actual matrix data on the inside pages of our questionnaires.)

Newly adopted this year, after a special survey of a large number of organizations who have been regular participants in these studies, are two alternative ways to participate:

--If there are no more than 50 engineers in your organization, counting both supervisors and non-supervisors, you may find it more convenient to use the enclosed optional Form "C," which requires no special tabulations of your personnel data. Instead, the data needed by EMC can simply be entered directly into this form, one line at a time, one engineer to a line. Names or other identifiers are neither needed nor desired. Computer printouts that emulate Form "C" are also acceptable, as long as the procedures suggested above are followed.

--We are also prepared to accept responses in the form of ASCII files on 5 1/4" floppy disks. We can read CP/M formats as well as the common MS-DOS diskettes. Such responses MUST conform to the rules set forth on the reverse side of this cover letter.

Whatever form of response you prefer, we need your data quickly. Data entry for the 1987 survey will commence in April and MUST be cut off by 30 June, 1987 in order to meet a publication release deadline of September 7 (Labor Day). As you may recall, we tried for the same deadline last year. Results were produced for the 1986 survey by Labor Day of that year and were made available in prepublication form to numerous organizations, but the actual printed reports were delayed long after that date. We now have new computing systems and in-house graphics capabilities (both made possible by generous grants from several major engineering employers, including Alcoa, Amoco, Bechtel, duPont, Grumman, Kodak, and Rockwell), and with these tools we expect to fully meet the deadline goal for 1987.

A business reply envelope is enclosed for your convenience. As in the past, all participants in the 1987 salary survey will receive copies of a special issue of the ENGINEERING MANPOWER BULLETIN, summarizing the results of the study. Call us if you need extra copies of the forms, if you have any questions, or if you need to obtain other information from EMC, such as our data on engineering enrollments and degrees.

We appreciate the support we have obtained from engineering employers for this project, and we look forward to your participation in 1987.

Best regards,

Richard A. Ellis

R. A. Ellis
Director, Manpower Studies

ENGINEERING - KEEPING AMERICA FIRST THROUGH TECHNOLOGY

EMC POLICY REGARDING SALARY SURVEY PARTICIPANTS

It is our policy to list the names of companies and other organizations participating in our salary surveys so that users will be able to ascertain whether a particular industry group is representative of their own field of employment. At the same time, it is our long-standing policy to protect each respondent's data from disclosure to anyone else.

To protect the confidentiality of information and to provide adequate safeguards against the disclosure of data identified with any particular survey participant, the following precautions are taken:

1. Company identifications are used only for the purpose of maintaining EMC's mailing lists and are not entered with the salary data files in our computer. A listing is maintained of the names of the companies in each major employment sector, and that list IS published, as indicated above. No sector is formed unless at least five responding organizations can be included. Respondents whose preferred sectors cannot be formed are placed into a "miscellaneous" employment sector if there are at least five such companies; otherwise, data provided by such companies is used only in broader aggregations such as the "All Industry" summations.

2. The only persons with access to returned salary data forms are the AAES staff who process the surveys. Reponding organizations' data are not disclosed to anyone. No exceptions are allowed to this policy.

3. If a single employer's responses account for more than half of the number of data points--engineers--reported for any group, weighting procedures are used to prevent that employer's information from unduly dominating the statistics for the group.

4. At least 200 engineers must be represented in any data set for engineers in industry or government before statistics for the group will be published.

5. Within data sets, statistics are not generated for particular experience categories unless the bracket includes at least one percent of the total number of engineers for the set AND at least five engineers are present.

6. EMC does not obtain the names of individual engineers represented by the data The only names collected are those of the contact persons used for our mailing lists, and these names are not published or disclosed.

7. Anonymous responses are not used. Responses requesting that the responding organization not be identified are refused and returned to their originator.

SPECIAL INSTRUCTIONS FOR REPONDENTS WISHING TO PROVIDE SALARY DATA ON FLOPPY DISK MEDIA

EMC is interested in experimenting with the collection of data in the form of machine-readable files. Media must be in the form of standard double-sided, double-density 5 1/4" floppy diskettes. We use MS-DOS 3.2; with UNIFORM-PC we can handle PC and MS-DOS versions 1 and 2, as well as most common CP/M formats.

Floppies should be mailed in appropriate containers (heavy cardboard disk mailers are best). We advise you to also enclose your original questionnaire (Form "C" will do, even if you have more than 50 engineers to report). If no form is returned, we will look for an ASCII text file on the disk with your organization's ID and classification data in it. Without these data, your response cannot be processed. Give any such text file the name "SALARY.INF."

Your salary data file should be named "SALARY.DAT" and MUST take the following format:

1. The data file must be pure ASCII.

2. Data must be entered in the form of one line (or record) per engineer, terminated by a CR-LF (carriage return/line feed combination). Don't forget to use the CR-LF with the last line of data.

3. The contents of each line follow the general coding approach used in Form "C", using commas for field separators (delimitors):

--Character 01: either S or N, for Supervisor or Nonsupervisor.

--Character 02: always a comma.

--Character 03: B, M, or P, for Bachelor, Masters, or Ph.D. degree.

--Character 04: always a comma.

--Characters 05-06: two digits for YEAR GRADUATED WITH BACHELOR'S DEGREE (last two digits only). If unknown, enter "99" AND enter the age (see next item).

--Character 07: always a comma.

--Characters 08-09: two digits for AGE. If the previous YEAR GRADUATED WITH BACHELOR'S DEGREE item has been provided, this may be treated as an unknown and coded "99." If both the year and the age are provided, EMC will use those data to improve its procedures for using age to estimate the year of graduation with the B.S. degree. Note that the "99" code should be explicitly entered (blanks or zeros will be treated as "99's" IF the preceding YEAR data is supplied.

--Character 10: always a comma.

--Characters 11-16: six digits for salary, right-justified and zero-filled. Leading blanks will be treated as zeros. The CR-LF codes must follow the salary entry.

ANY ENTRIES OTHER THAN THOSE DESCRIBED ABOVE WILL BE ASSUMED TO BE ERRORS AND WILL CAUSE THE ENTIRE LINE TO BE IGNORED.

4. There will be as many lines as there are engineers reported. On your enclosed Form "C" or in the added SALARY.INF text file, PLEASE SPECIFY THE TOTAL NUMBER OF ENGINEERS REPORTED BY YOUR ORGANIZATION. Comparison of your counts with our own totals is one of several elementary quality control checks employed by EMC.

5. LABEL your diskette with AT LEAST the following information: your organization's name; the particular diskette format used; and the general identifier "87EMCSAL."

Notes:

All data collected in this manner will be converted to EMC's traditional matrix-style format. Separate analysis will be done to compare the distribution of specific salaries in the "Form C" or disk media responses with the distributions assumed for the salary brackets used by the traditional matrices.

We are not prepared to accept Lotus-123, dBase, or other common types of files generated by particular software systems. Some versions of some of these programs produce files that cannot always be read by other versions.

We can read 1.2 Mbyte AT-style disks but we do not recommend their use unless the only machine you can use is an AT with the 1.2 Mbyte drives. In that case we will attempt a read with the main EMC system (which is an AT-class computer). Otherwise, files will be read and converted on a separate XT-class machine with standard 400-K drives (360K in PC-DOS 3.2 format). These procedures have been adopted because it's not clear that the large-format drives can successfully run UNIFORM conversions on standard double-sided, double-density disks. If you do use AT format diskettes, make sure your disk labels reflect that fact.

FORM A

(Please also complete Form B)

Questionnaire Form for Engineering Graduates in NON-SUPERVISORY Positions Only

PROFESSIONAL INCOME OF ENGINEERS – 1987

A survey conducted by the
ENGINEERING MANPOWER COMMISSION
American Association of Engineering Societies, Inc.
202-546-2237

Please observe the following procedure:

Fill in information for questions 1-5 below to enable correct classification of your reply.

Fill in the salary data for NON-SUPERVISORY engineering graduates on the inside of this form. Also fill in the data for SUPERVISORY engineers on Form B.

THEN FILL OUT THE IDENTIFICATION DATA ON THE FIRST PAGE OF BOTH FORMS A AND B and return **BOTH FORMS** to EMC.

If we do not receive name and address information with your return, we will have to send you an unnecessary follow-up mailing. Unidentified returns will not be included in the survey results. For further information see the sheet entitled "EMC Policy Regarding Salary Survey Participants."

CLASSIFICATION QUESTIONS

1. Product or service code of organization (see below for preferred categories): ______________________

2. Total number of ALL employees in organization or unit (approx.): ______________________

3. Total number of NON-SUPERVISORY engineers reported on this Form A: ______________________

4. Please indicate state(s) in which these engineers are predominantly employed, for purposes of determining regional salary differences: ______________________

5. If any employed NON-SUPERVISORY engineering graduates are NOT included in this report, please indicate the number of such employees and the reason for omission:

Number: ______________________ Reason: ______________________

SURVEY CATEGORIES USUALLY REPORTED BY EMC

Manufacturing Industry Groups (Specify product area below)

31 Aerospace
37 Automotive
35 Business machines
51 Ceramic products, stone, clay, glass, cement
11 Chemicals, drugs, plastics
27 Computer
21 Electrical machinery & equipment
26 Electronic equipment
52 Food products
34 Instruments (precision)
56 Lumber & wood products
36 Machinery (other than electrical)
42 Metal products, fabricated
41 Metals, basic
53 Paper products
18 Petroleum
46 Railroad equipment
55 Rubber & plastic products, fabricated
38 Shipbuilding
54 Textile products
59 Other (please specify only if none of the above categories is satisfactory)______________________.

Non-Manufacturing Industry Groups (Specify service area below)

88 Business, trade, publishing
81 Communication services
68 Construction
71 Consultants, engineering & architectural
73 Engineering services, other
61 Mining
74 Research organizations & laboratories
84 Transportation services
86 Electric Utilities
87 Gas Utilities & Pipelines

Government (Specify Level)

01 Federal
02 State
03 Local

Educational Institutions (Specify Type)

91 Colleges & universities
93 Technical institutes & junior colleges
94 Professional societies & non-profit institutions

FORM A

PRESENT SALARY OF NON-SUPERVISORY ENGINEERING GRADUATES

DEADLINE FOR RESPONSES: APRIL 30, 1987

IMPORTANT — please read carefully before filling out form

This form gives the distribution of employed engineering graduates as a function of salary bracket, highest degree held, and years of experience as measured since graduation with a bachelor's degree. Salary brackets are indicated at the left of each row – **note that some brackets include a wider salary range than others.** Separate sections of the form are set aside for each degree level – bachelor, master, or doctor. Individuals are to be reported in the section corresponding to highest degree level, but within each section they are to be reported in the column for their **year of graduation with bachelor's degree**, to give a common basis for comparison. If year of graduation cannot be given, report by age (average 1986 graduate is 23, etc.). Data for those graduating in the 1st quarter of 1987 should be combined with that for 1986 graduates.

SALARY – should include base salary before deductions, and any regular allowances such as cost of living differential, etc. Do not include unpredictable payments for overtime work, stock options, bonuses, etc. Rates should be those in effect on February 1, 1987.

NON-SUPERVISORY ENGINEERS – should include all engineering graduates whose duties are not primarily supervisory or managerial. It is recognized that the precise definition of the group will vary somewhat from company to company. **Please include non-supervisory engineering graduates who are currently in non-technical positions. If any engineering graduates must be omitted, please describe on line 5 of the cover page of this form. Do not report part-time employees.**

	ANNUAL SALARY	YEAR OF BACCALAUREATE DEGREE (OR AGE)																		
	BACHELORS DEGREE HIGHEST HELD	1986 (23)	1985 (24)	1984 (25)	1983 (26)	1982 (27)	1981 (28)	1980 (29)	1979 (30)	1978 (31)	1975–1977 (32-34)	1972–1974 (35-37)	1969–1971 (38-40)	1966–1968 (41-43)	1963–1965 (44-46)	1960–1962 (47-49)	1957–1959 (50-52)	1952–1956 (53-57)	UP TO 1951 (58+)	
101	$125,000 & over																			101
102	$100,000-124,999																			102
103	$95,000-99,999																			103
104	$90,000-94,999																			104
105	$85,000-89,999																			105
106	$80,000-84,999																			106
107	$76,000-79,999																			107
108	$72,000-75,999																			108
109	$68,000-71,999																			109
110	$64,000-67,999																			110
111	$60,000-63,999																			111
112	$56,000-59,999																			112
113	$53,000-55,999																			113
114	$50,000-52,999																			114
115	$47,000-49,999																			115
116	$44,000-46,999																			116
117	$41,000-43,999																			117
118	$38,000-40,999																			118
119	$36,000-37,999																			119
120	$34,000-35,999																			120
121	$32,000-33,999																			121
122	$30,000-31,999																			122
123	$28,000-29,999																			123
124	$26,000-27,999																			124
125	$24,000-25,999																			125
126	$22,000-23,999																			126
127	Less than $22,000																			127

MASTERS DEGREE HIGHEST HELD (REPORT UNDER YEAR OF BACCALAUREATE DEGREE OR AGE, AS ABOVE)

201	$125,000 & over																			201
202	$100,000-124,999																			202
203	$95,000-99,999																			203
204	$90,000-94,999																			204
205	$85,000-89,999																			205
206	$80,000-84,999																			206
207	$76,000-79,999																			207
208	$72,000-75,999																			208
209	$68,000-71,999																			209
210	$64,000-67,999																			210
211	$60,000-63,999																			211
212	$56,000-59,999																			212
213	$53,000-55,999																			213
214	$50,000-52,999																			214
215	$47,000-49,999																			215
216	$44,000-46,999																			216
217	$41,000-43,999																			217
218	$38,000-40,999																			218
219	$36,000-37,999																			219
220	$34,000-35,999																			220
221	$32,000-33,999																			221
222	$30,000-31,999																			222
223	$28,000-29,999																			223
224	$26,000-27,999																			224
225	$24,000-25,999																			225
226	$22,000-23,999																			226
227	Less than $22,000																			227

DOCTORS DEGREE HIGHEST HELD (REPORT UNDER YEAR OF BACCALAUREATE DEGREE OR AGE, AS ABOVE)

301	$125,000 & over																			301
302	$100,000-124,999																			302
303	$95,000-99,999																			303
304	$90,000-94,999																			304
305	$85,000-89,999																			305
306	$80,000-84,999																			306
307	$76,000-79,999																			307
308	$72,000-75,999																			308
309	$68,000-71,999																			309
310	$64,000-67,999																			310
311	$60,000-63,999																			311
312	$56,000-59,999																			312
313	$53,000-55,999																			313
314	$50,000-52,999																			314
315	$47,000-49,999																			315
316	$44,000-46,999																			316
317	$41,000-43,999																			317
318	$38,000-40,999																			318
319	$36,000-37,999																			319
320	$34,000-35,999																			320
321	$32,000-33,999																			321
322	$30,000-31,999																			322
323	$28,000-29,999																			323
324	$26,000-27,999																			324
325	$24,000-25,999																			325
326	$22,000-23,999																			326
327	Less than $22 000																			327

DO NOT DETACH THIS PAGE – SEE INSTRUCTIONS ON FORM

PROFESSIONAL INCOME OF ENGINEERS – 1987

FORM A

Questionnaire Form for Engineering Graduates in NON-SUPERVISORY Positions Only

Please return this filled-out Form A along with Form B (for SUPERVISORY engineers). **Unidentified returns cannot be included in the survey.** Confidentiality of your data is assured by the Engineering Manpower Commission.

If the mailing label affixed below is incorrect, please indicate correct address:

1. Name of Reporting Organization: ______________________

Address: ______________________

City: ______________ State: ________ Zip Code: ________

2. Name and title of person responsible for data: ______________________

Tel. No. (   ) - ____________

BE SURE TO COMPLETE ALL FOUR PAGES OF THIS FORM
RETURN THIS ENTIRE DATA FORM AND FORM B BY APRIL 30, 1987 TO:

ENGINEERING MANPOWER COMMISSION
AMERICAN ASSOCIATION OF ENGINEERING SOCIETIES
415 2ND STREET, N.E., WASHINGTON, D.C. 20002

DO NOT DETACH THIS PAGE – SEE INSTRUCTIONS ON FORM

PROFESSIONAL INCOME OF ENGINEERS – 1987

FORM B

Questionnaire Form for Engineering Graduates in SUPERVISORY Positions Only

Please return this filled-out Form B along with Form A (for NON-SUPERVISORY engineers). **Unidentified returns cannot be included in the survey.** Confidentiality of your data is assured by the Engineering Manpower Commission.

If the mailing label affixed below is incorrect, please indicate correct address:

1. Name of Reporting Organization: ____________________

Address: ____________________

City: ____________________ State: ____________ Zip Code: ____________

2. Name and title of person responsible for data: ____________________

Tel. No. (   ) - ____________

BE SURE TO COMPLETE ALL FOUR PAGES OF THIS FORM
RETURN THIS ENTIRE DATA FORM AND FORM A BY APRIL 30, 1987 TO:

ENGINEERING MANPOWER COMMISSION
AMERICAN ASSOCIATION OF ENGINEERING SOCIETIES
415 2ND STREET, N.E., WASHINGTON, D.C. 20002

FORM B

PRESENT SALARY OF SUPERVISORY ENGINEERING GRADUATES ONLY

DEADLINE FOR RESPONSES: APRIL 30, 1987

IMPORTANT — please read carefully before filling out form

This form gives the distribution of employed engineering graduates as a function of salary bracket, highest degree held, and years of experience as measured since graduation with a bachelor's degree. Salary brackets are indicated at the left of each row – note that some brackets include a wider salary range than others. Separate sections of the form are set aside for each degree level – bachelor, master, or doctor. Individuals are to be reported in the section corresponding to highest degree level, but within each section they are to be reported in the column for their year of graduation with bachelor's degree, to give a common basis for comparison. If year of graduation cannot be given, report by age (average 1986 graduate is 23, etc.). Data for those graduating in the 1st quarter of 1987 should be combined with that for 1986 graduates.

SALARY – should include base salary before deductions, and any regular allowances such as cost of living differential, etc. Do not include unpredictable payments for overtime work, stock options, bonuses, etc. Rates should be those in effect on February 1, 1987.

SUPERVISORY ENGINEERS – should include all engineering graduates whose duties are primarily supervisory or managerial. It is recognized that the precise definition of this group will vary somewhat from company to company. Please report all supervisory engineering graduates, including those who are in general management or non-technical positions. If any must be omitted, please describe them on line 5 of the cover page of this form. Do not report part-time employees.

	ANNUAL SALARY	YEAR OF BACCALAUREATE DEGREE (OR AGE)																		
	BACHELORS DEGREE HIGHEST HELD	1986 (23)	1985 (24)	1984 (25)	1983 (26)	1982 (27)	1981 (28)	1980 (29)	1979 (30)	1978 (31)	1975-1977 (32-34)	1972-1974 (35-37)	1969-1971 (38-40)	1966-1968 (41-43)	1963-1965 (44-46)	1960-1962 (47-49)	1957-1959 (50-52)	1954-1956 (53-57)	UP TO 1953 (58+)	
101	$125,000 & over																			101
102	$100,000-124,999																			102
103	$95,000-99,999																			103
104	$90,000-94,999																			104
105	$85,000-89,999																			105
106	$80,000-84,999																			106
107	$76,000-79,999																			107
108	$72,000-75,999																			108
109	$68,000-71,999																			109
110	$64,000-67,999																			110
111	$60,000-63,999																			111
112	$56,000-59,999																			112
113	$53,000-55,999																			113
114	$50,000-52,999																			114
115	$47,000-49,999																			115
116	$44,000-46,999																			116
117	$41,000-43,999																			117
118	$38,000-40,999																			118
119	$36,000-37,999																			119
120	$34,000-35,999																			120
121	$32,000-33,999																			121
122	$30,000-31,999																			122
123	$28,000-29,999																			123
124	$26,000-27,999																			124
125	$24,000-25,999																			125
126	$22,000-23,999																			126
127	Less than $22,000																			127

MASTERS DEGREE HIGHEST HELD (REPORT UNDER YEAR OF BACCALAUREATE DEGREE OR AGE, AS ABOVE)

201	$125,000 & over																			201
202	$100,000-124,999																			202
203	$95,000-99,999																			203
204	$90,000-94,999																			204
205	$85,000-89,999																			205
206	$80,000-84,999																			206
207	$76,000-79,999																			207
208	$72,000-75,999																			208
209	$68,000-71,999																			209
210	$64,000-67,999																			210
211	$60,000-63,999																			211
212	$56,000-59,999																			212
213	$53,000-55,999																			213
214	$50,000-52,999																			214
215	$47,000-49,999																			215
216	$44,000-46,999																			216
21	$41,000-43,999																			217
218	$38,000-40,999																			218
219	$36,000-37,999																			219
220	$34,000-35,999																			220
221	$32,000-33,999																			221
222	$30,000-31,999																			222
223	$28,000-29,999																			223
224	$26,000-27,999																			224
225	$24,000-25,999																			225
226	$22,000-23,999																			226
227	Less than $22,000																			227

DOCTORS DEGREE HIGHEST HELD (REPORT UNDER YEAR OF BACCALAUREATE DEGREE OR AGE, AS ABOVE)

301	$125,000 & over																			301
302	$100,000-124,999																			302
303	$95,000-99,999																			303
304	$90,000-94,999																			304
305	$85,000-89,999																			305
306	$80,000-84,999																			306
307	$76,000-79,999																			307
308	$72,000-75,999																			308
309	$68,000-71,999																			309
310	$64,000-67,999																			310
311	$60,000-63,999																			311
312	$56,000-59,999																			312
313	$53,000-55,999																			313
314	$50,000-52,999																			314
315	$47,000-49,999																			315
316	$44,000-46,999																			316
317	$41,000-43,999																			317
318	$38,000-40,999																			318
319	$36,000-37,999																			319
320	$34,000-35,999																			320
321	$32,000-33,999																			321
322	$30,000-31,999																			322
323	$28,000-29,999																			323
324	$26,000-27,999																			324
325	$24,000-25,999																			325
326	$22,000-23,999																			326
327	Less than $22,000																			327

FORM B

(Please also complete Form A)

Questionnaire Form for Engineering Graduates in SUPERVISORY Positions Only

PROFESSIONAL INCOME OF ENGINEERS – 1987

A survey conducted by the
ENGINEERING MANPOWER COMMISSION
American Association of Engineering Societies, Inc.
202-546-2237

Please observe the following procedure:

Fill in information for questions 1-5 below to enable correct classification of your reply.

Fill in the salary data for SUPERVISORY engineering graduates on the inside of this form. Also fill in the data for NON-SUPERVISORY engineers on Form A.

THEN FILL OUT THE IDENTIFICATION DATA ON THE FIRST PAGE OF BOTH FORMS A AND B and return **BOTH FORMS** to EMC.

If we do not receive name and address information with your return, we will have to send you an unnecessary follow-up mailing. Unidentified returns will not be included in the survey results. For further information see the sheet entitled "EMC Policy Regarding Salary Survey Participants."

CLASSIFICATION QUESTIONS

1. Product or service code of organization (see below for preferred categories): ____________________

2. Total number of ALL employees in organization or unit (approx.): ____________________

3. Total number of SUPERVISORY engineers reported on this Form B: ____________________

4. Please indicate state(s) in which these engineers are predominantly employed, for purposes of determining regional salary differences: ____________________

5. If any employed SUPERVISORY engineering graduates are NOT included in this report, please indicate the number of such employees and the reason for omission:

Number: ____________________ Reason: ____________________

SURVEY CATEGORIES USUALLY REPORTED BY EMC

Manufacturing Industry Groups (Specify product area below)

31 Aerospace
37 Automotive
35 Business machines
51 Ceramic products, stone, clay, glass, cement
11 Chemicals, drugs, plastics
27 Computer
21 Electrical machinery & equipment
26 Electronic equipment
52 Food products
34 Instruments (precision)
56 Lumber & wood products
36 Machinery (other than electrical)
42 Metal products, fabricated
41 Metals, basic
53 Paper products
18 Petroleum
46 Railroad equipment
55 Rubber & plastic products, fabricated
38 Shipbuilding
54 Textile products
59 Other (please specify only if none of the above categories is satisfactory) ____________________.

Non-Manufacturing Industry Groups (Specify service area below)

88 Business, trade, publishing
81 Communication services
68 Construction
71 Consultants, engineering & architectural
73 Engineering services, other
61 Mining
74 Research organizations & laboratories
64 Transportation services
86 Electric Utilities
87 Gas Utilities & Pipelines

Government (Specify Level)

01 Federal
02 State
03 Local

Educational Institutions (Specify Type)

91 Colleges & universities
93 Technical institutes & junior colleges
94 Professional societies & non-profit institutions

DO NOT DETACH THIS PAGE – SEE INSTRUCTIONS ON FORM

PROFESSIONAL INCOME OF ENGINEERS – 1987

FORM C

OPTIONAL short questionnaire form for organizations with NO MORE THAN 50 supervisory and non-supervisory engineers; replaces BOTH Forms A and B

If your organization employs no more than 50 engineers, including both supervisors and non-supervisors, you may use this optional short-form questionnaire instead of the Engineering Manpower Commission's traditional Forms A (for non-supervisory engineers) and B (for supervisory engineers).

Please enter information from the mailing labels on your other forms below (correct the information if necessary):

1. Name of Reporting Organization: ______

Address: ______

City: ______ State: ______ Zip Code: ______

2. Name and title of person responsible for data: ______

Tel. No. ( ) - ______

BE SURE TO COMPLETE ALL FOUR PAGES OF THIS FORM
RETURN ENTIRE FORM C BY APRIL 30, 1987 TO:

ENGINEERING MANPOWER COMMISSION
AMERICAN ASSOCIATION OF ENGINEERING SOCIETIES
415 2ND STREET, N.E., WASHINGTON, D.C. 20002

FORM C

PRESENT SALARY OF ENGINEERING GRADUATES

Optional Short Form for up to 50 supervisors and/or non-supervisors

DEADLINE FOR RESPONSES:
APRIL 30, 1987

IMPORTANT — please read carefully before filling out form.

This form discards EMC's traditional matrix-style instruments which allow entry of data for large engineering staffs of up to several thousand persons, in order to provide a simpler data entry form for smaller organizations. Simply complete one line of the form for each engineer to be reported.

ALL indicated data is needed. No other data is needed. Please do NOT write names on these forms.

SUPERVISORS include all engineering graduates whose duties are primarily supervisory or managerial. Other engineers are NON-SUPERVISORS. It is recognized that the precise definition of this term will vary somewhat from company to company. Please include engineering graduates who are currently in general management or non-technical positions. If any engineering graduates must be omitted, please describe on page 4 of this form. DO NOT REPORT PART-TIME EMPLOYEES. Only "S" or "N" should appear in the first column of the form.

EMC measures experience as the number of years since receiving the bachelor's degree. If that data is not available, age is used to estimate it. If you can provide both the year and age data. EMC will use this information to improve its estimation procedures. Either data element will suffice, however.

SALARY – should include base salary before deductions, and any regular allowances such as cost of living differentia', etc. Do not include unpredictable payments for overtime work, stock options, bonuses, etc. Rates should be those in effect on February 1, 1987.

If you use this form, your copies of Forms A and B may be discarded. Check the mailing labels first; if any data differs from the identification information entered on page 1, please CIRCLE the corrected information so we can update our records.

	Supervisor (S) or Non-supervisor (N)? Enter S or N:	Highest Degree Held: B = Bachelor, M = Master, P = Ph.D Enter B, M, or P:	Year graduated with BACHELOR's degree Enter YEAR:	Age as of Feb. 1, 1987 Enter AGE:	Salary as of Feb. 1, 1987 Enter SALARY:
901					
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950					

FORM C

OPTIONAL short response form, used in place of both Forms A and B, for organizations with no more than 50 engineers, including both supervisors and non-supervisors

PROFESSIONAL INCOME OF ENGINEERS – 1987

A survey conducted by the
ENGINEERING MANPOWER COMMISSION
American Association of Engineering Societies, Inc.
202-546-2237

This is an OPTIONAL form, replacing EMC's traditional Forms A and B, for organizations with no more than 50 engineers. If you elect to use it, please observe the following procedure:

Fill in information for questions 1-5 below to enable correct classification of your reply.

Fill in the data lines for each engineer in your organization on the inside of this form.

Fill in the identification data on the first page of this form, then return the completed Form C to EMC.

Unidentified forms will not be used in the survey. For more information see the sheet entitled "EMC Policy Regarding Salary Survey Participants."

CLASSIFICATION QUESTIONS

1. Product or service code of organization (see below for preferred categories): ______________________
2. Total number of ALL employees in organization or unit (approx.): ______________________
3. Please indicate state(s) in which these engineers are predominantly employed, for purposes of determining regional salary differences: ______________________
4. If any employed NON-SUPERVISORY engineering graduates are NOT included in this report, please indicate the number of such employees and the reason for the omission:

Number: ______________ Reason: ______________________

5. If any employed SUPERVISORY engineering graduates are NOT included in this report, please indicate the number of such employees and the reason for the omission:

Number: ______________ Reason: ______________________

SURVEY CATEGORIES USUALLY REPORTED BY EMC

Manufacturing Industry Groups (Specify product area below)
31 Aerospace
37 Automotive
35 Business machines
51 Ceramic products, stone, clay, glass, cement
11 Chemicals, drugs, plastics
27 Computer
21 Electrical machinery & equipment
26 Electronic equipment
52 Food products
34 Instruments (precision)
56 Lumber & wood products
36 Machinery (other than electrical)
42 Metal products, fabricated
41 Metals, basic
53 Paper products
18 Petroleum
46 Railroad equipment
55 Rubber & plastic products, fabricated
38 Shipbuilding
54 Textile products
59 Other (please specify only if none of the above categories is satisfactory)______________________.

Non-Manufacturing Industry Groups (Specify service area below)
88 Business, trade, publishing
81 Communication services
68 Construction
71 Consultants, engineering & architectural
73 Engineering services, other
61 Mining
74 Research organizations & laboratories
84 Transportation services
86 Electric Utilities
87 Gas Utilities & Pipelines

Government (Specify Level)
01 Federal
02 State
03 Local

Educational Institutions (Specify Type)
91 Colleges & universities
93 Technical institutes & junior colleges
94 Professional societies & non-profit institutions

RECENT AND UPCOMING ENGINEERING MANPOWER COMMISSION PUBLICATIONS

ENGINEERS' SALARIES: SPECIAL INDUSTRY REPORT 1987

A detailed breakdown of engineering salaries according to type of industry, geographic regions, company size, employee experience, highest degree held, and supervisory status. Tables and graphs depict salaries in medians, quartiles, deciles and means.

member price: $140.00 non-member price: $230.00

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An abridged version of the *Special Industry Report*. Details for salary differences by highest degree held are not included; tabulations are added on engineering compensation in local, state and federal government agencies.

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Complete Set: member price: $140.00 non-member price: $230.00

Separate volumes:

Part I: by School: member price: $55.00 non-member price: $89.00

Part II: Minorities: member price: $75.00 non-member price: $115.00

Part III: by Curriculum: member price: $55.00 non-member price: $89.00

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Concise, timely information on trends in engineering salaries, enrollments, degrees, women and minorities in engineering, other topics.

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Single copies: member price: $9.00 non-member price: $12.00

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ISBN #0-87615-139-X